

## 4. User Manual of the Rayocomp PS 1000 Polar



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## 1. Basic Questions Concerning the Rayocomp PS 1000 Polar

### 1.1 Why does the Rayocomp PS 1000 Polar have a modular construction?

If you take a close look at the market, you will find an extra device for each different application variation of oscillation medicine. For the user, this can only mean, he has to buy a new device for each single method and also to provide sufficient space for each device. The basic idea accompanying the complete development of the Rayocomp PS 1000 Polar was the design of a multi-functional device, a multi-talent in oscillation medicine. The solution to the task was the modular construction. A module provides the corresponding functions for a special application field in the Rayocomp PS 1000 Polar.

Example: Basically, the Rayocomp PS 1000 Polar is equipped with the module Bio-resonance according to Paul Schmidt with all its functions. A further module is called "Harmony with sounds of nature and music". If this additional module is integrated in your device, the patients can listen to suitable sounds of nature via headphones accompanying the bio-resonance treatment according to Paul Schmidt, the purchase of an extra device is not required. This is also valid for the acupuncture oscillation therapy, Bioenergetics according to Manfred Denecke etc.

All the additional modules can be added subsequently.

**Note:**

**Item 7.1.4 informs you, how to look into the modules integrated in the Rayocomp PS 1000 Polar.**

## 1.2 What do you have to regard when switching the Rayocomp PS 1000 Polar on or off?

In the rear part of the Rayocomp PS 1000 Polar, you will find the on/off switch (see arrow) of the device.



### Switching-on

Please never switch on the Rayocomp PS 1000 Polar, before the temperature of the device has been adapted to the surrounding temperature. For example, if the device has been standing in the car in winter, make sure of sufficient acclimatisation, otherwise condensation water formation may damage the machine, when it is switched on.

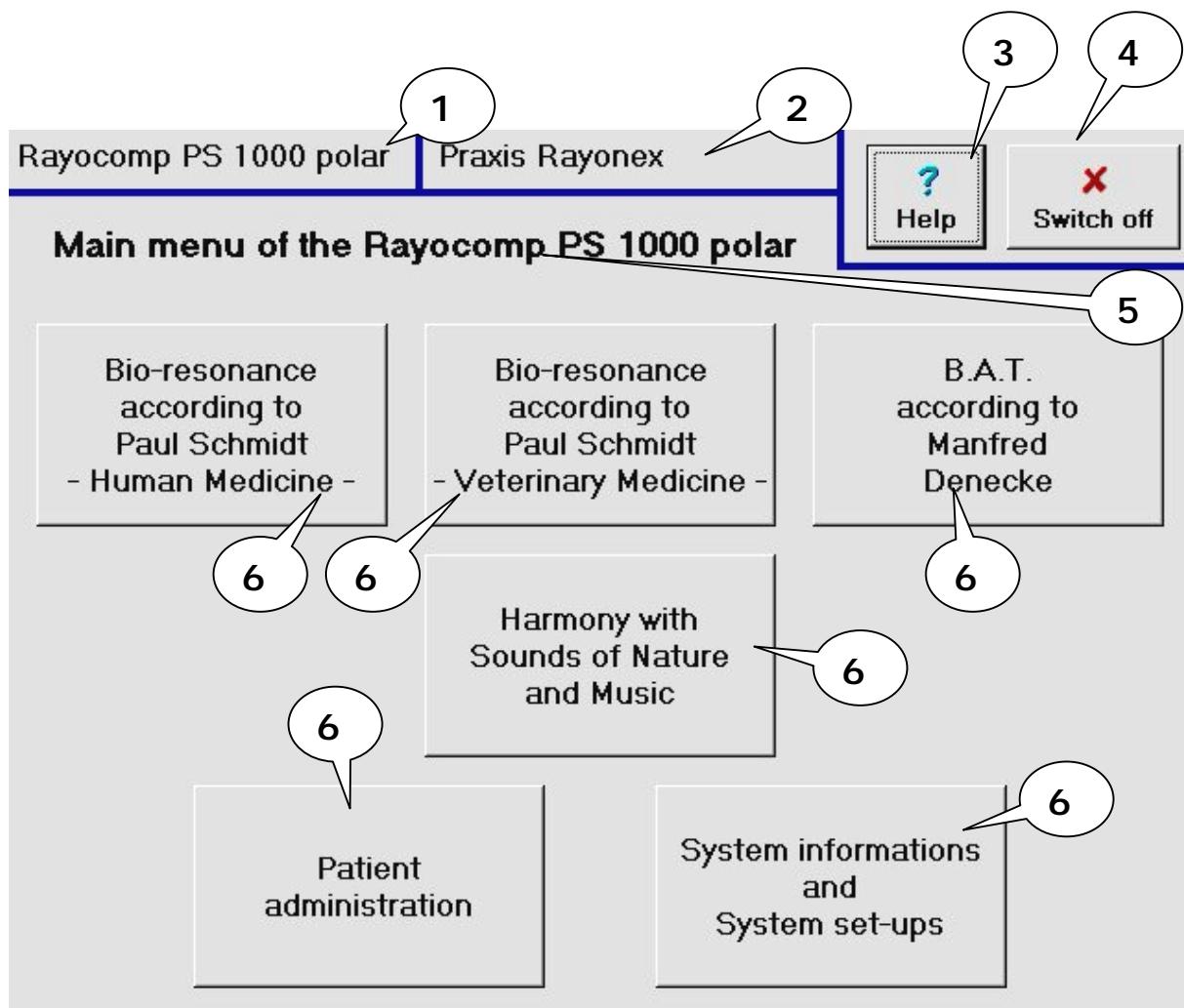
As soon as the device has been switched on, you will see a red luminous diode in front, on the right side above the display. After approx. 40 seconds, this changes to green. The device is now ready for use.

### Switching off:

Before the Rayocomp PS 1000 Polar can be switched off, you must press the **Switch-off** key on the right upper side of the main menu. After a safety confirmation, the device requires approx. 10 seconds, before a display tells you, that the Rayocomp PS 1000 Polar can now be switched off.

### 1.3 What are the basic rules concerning the operation of the Rayocomp PS 1000 Polar?

After switching on, the device displays the following main menu:



Caption 1: The name of the device

Caption 2: Here you can see the patient name, if a patient has been selected, otherwise the user's name, i.e. practice Dr. Mustermann, is displayed (see also questions 6.4 and 7.2.1).

Caption 3: This is the **Help** key. With this, you can call up an accompanying help text at any time.

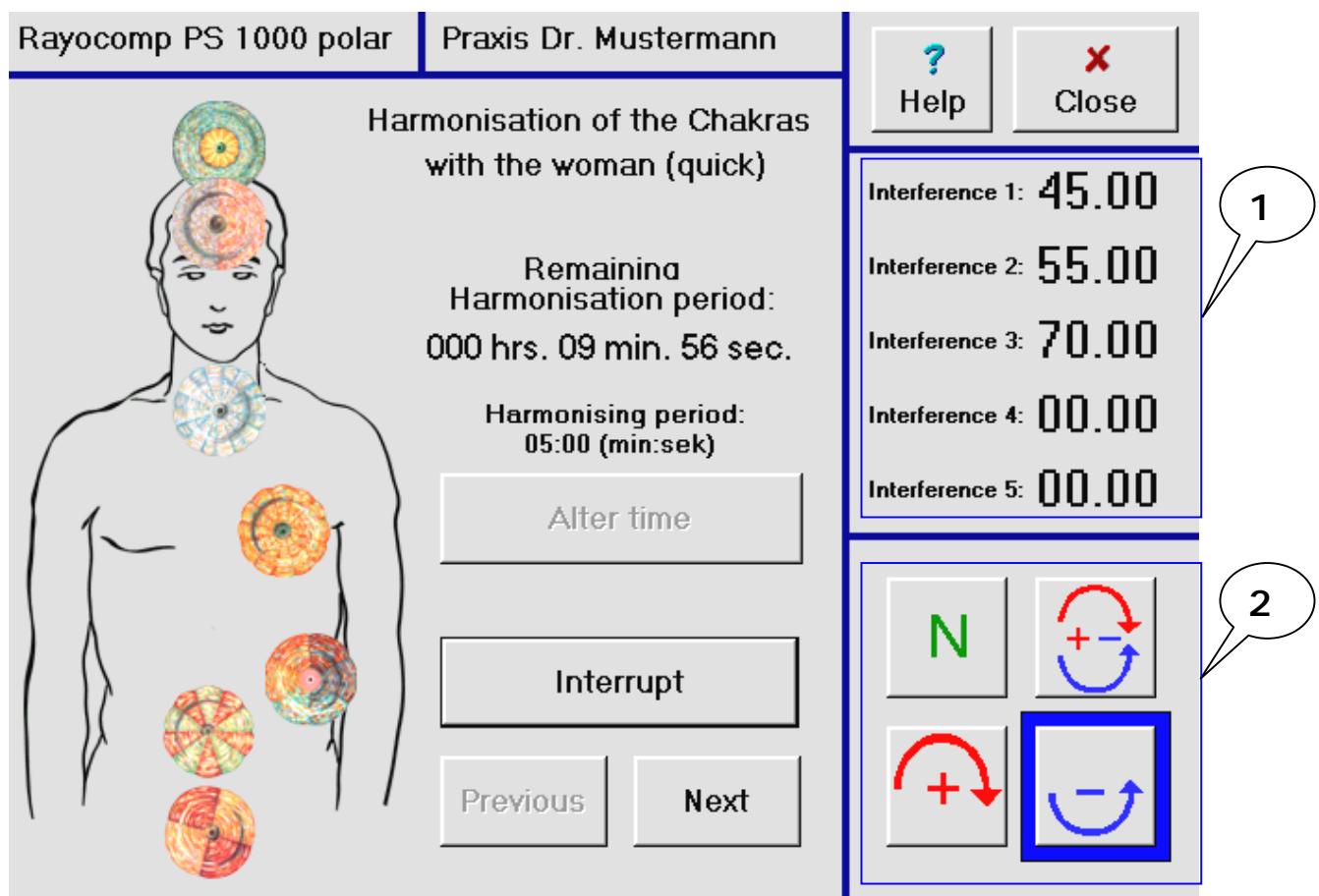
Caption 4: By using the **Switch off/close** key, you leave the current program part and move one step closer to the main menu in the program. If you press this key a couple of times, you will finally arrive back in the main menu automatically.

Caption 5: The title of the currently active program part.

Caption 6: Keys, which move you on to the next secondary menu.

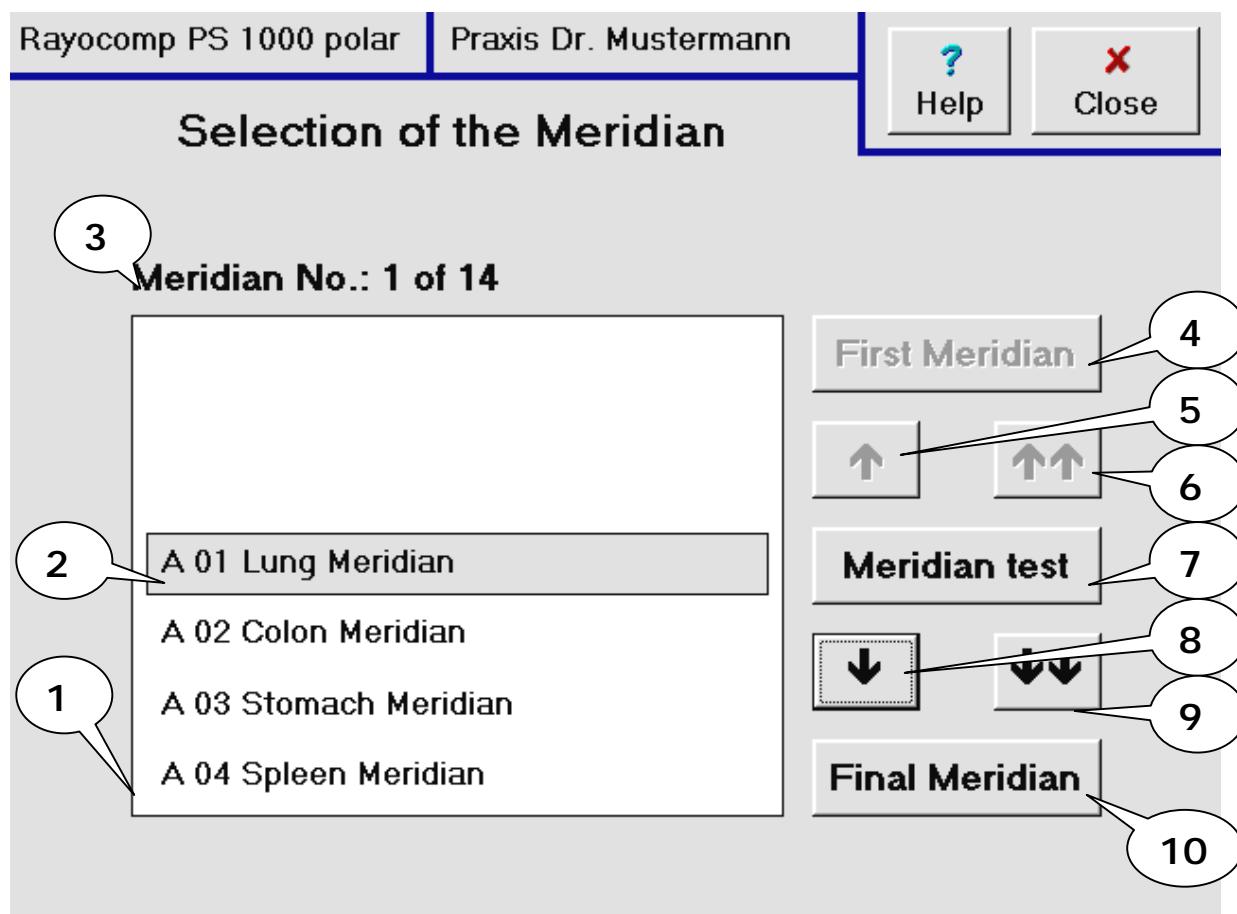
At any time, when you are working with interferences, this can be seen in the right margin of the monitor. The following figure shows the five interferences set for Chakra harmonization (see caption 1).

Because the Rayocomp PS 1000 Polar can set five different interferences at the same time, all five are displayed for your information.



In the lower right margin of the monitor (see caption 2), you can see the four keys of the polariser. With these four keys, you can polarise the oscillations emerging from the Rayocomp PS 1000 Polar, in other words, add a rotational component. Basic details concerning polarisation can be found in chapter 2 of this user manual. Further information on testing with polarised oscillation can be obtained in 2.2.1.

In many program parts of this device, you will come across so-called navigation windows. With the help of these windows, it is easy to make your required selection. The basic operation of these windows will now be explained in the following example:

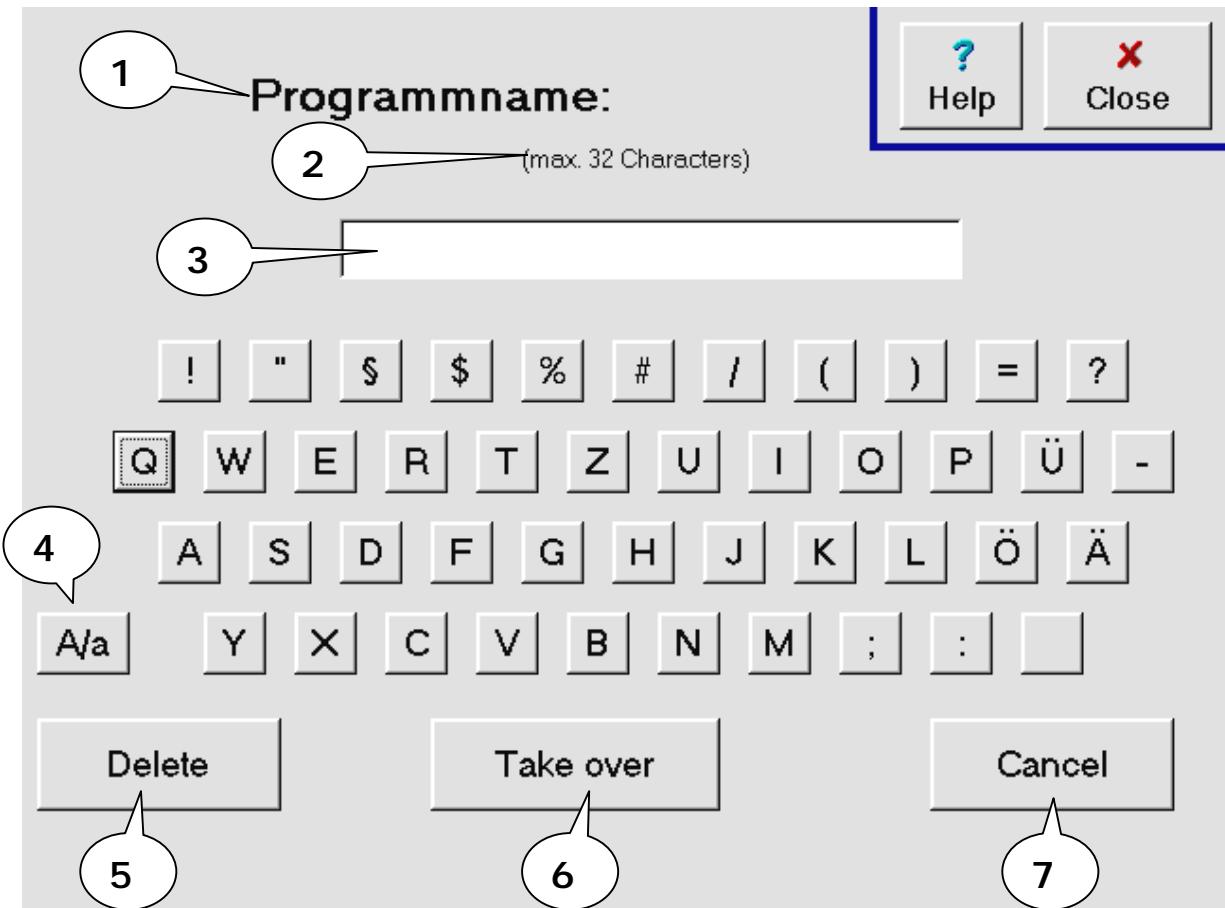


**Caption 1** indicates the actual selection window, in which you can find all selectable descriptions. The description you have currently selected is always in the box with the grey background, see **caption 2**. If you were to confirm this selection (this is always done with the central one of the navigation keys arranged on the right side, **caption 7**), the program course would be continued with A 01 Lung Meridian. **Caption 3** shows the numerical description, currently, the first of a total of 14 Meridians has been selected. The upper one of the right navigation keys (**caption 4**) always selects the first entry, the bottom key (**caption 10**) displays the last entry. With the *Arrow up* key (**caption 5**), an entry further up in the list would be shown. Because currently the first entry is already being displayed, this key is shown in grey, because it cannot be selected at the time. This also applies for the key indicated by **caption 6**. This key would move you 7 entries up in direction of the first entry. Because the first entry is currently being displayed, as has been mentioned before, this key is also shown in grey, it cannot be selected at the time. With the central key (**caption 7**), you select the entry currently being displayed in the box with the grey background.

The *Arrow down* key (**caption 8**) moves you to the next entry. In this case, A 02 Colon would be displayed in the box with the grey background. The key indicated in **caption 9** moves you seven entries forward.

## 1.4 How can I enter a text in the Rayocomp PS 1000 Polar?

Several places in the application allow the entry of a text. An external keyboard is not available, therefore a keyboard has been programmed in the device. This picture serves as an example:



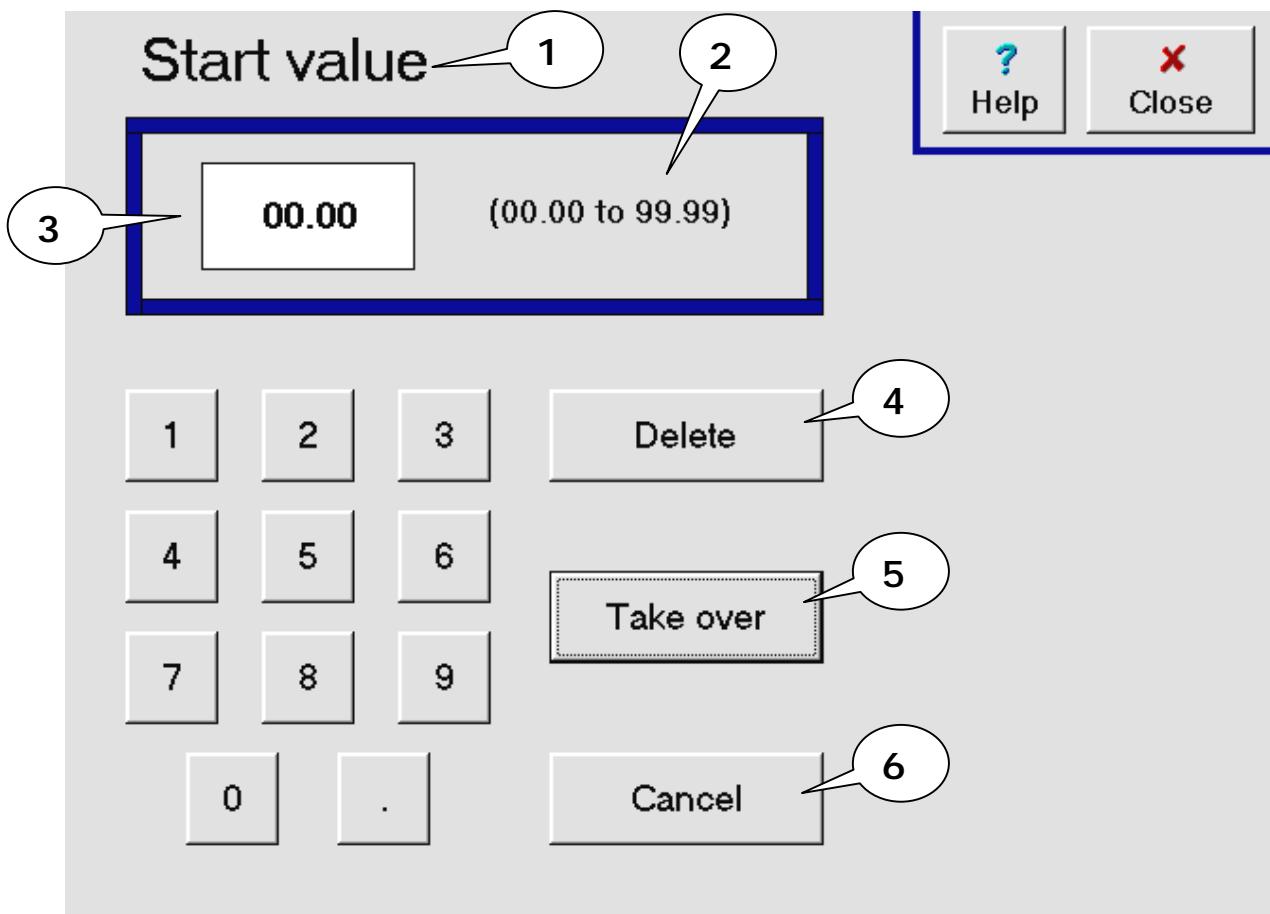
In the upper part of the monitor (see **caption 1**), a description of the anticipated text always appears. In this case, the name of the program (i.e. an own harmonizing program) should be entered. Below this (see **caption 2**), the maximum text length, 32 characters in this case, is indicated. The entered text is displayed in the text field indicated by **caption 3**. With the key **A/a** (see **caption 4**) you switch over from small letters to capital letters – or vice versa. Because normally, the first character entered is a capital letter, the display appears correspondingly. After the first letter, the entry automatically switches over to small letters. The key **Delete** (**caption 5**) deletes the last entered character of the text. After completing the text, confirm with the key **Take over** (**caption 6**). If you do not want to take over the text, you can use the key **Cancel** (**caption 7**).

Note:

If the key **Close** (top, right) is activated, the entry will not be taken over.

## 1.5 How can I enter an interference value in the Rayocomp PS 1000 Polar?

Several places of the application allow the entry of interference values. An external keyboard is not available, therefore a keyboard has been programmed in the device. The picture below shows the entry of a start value as an example:



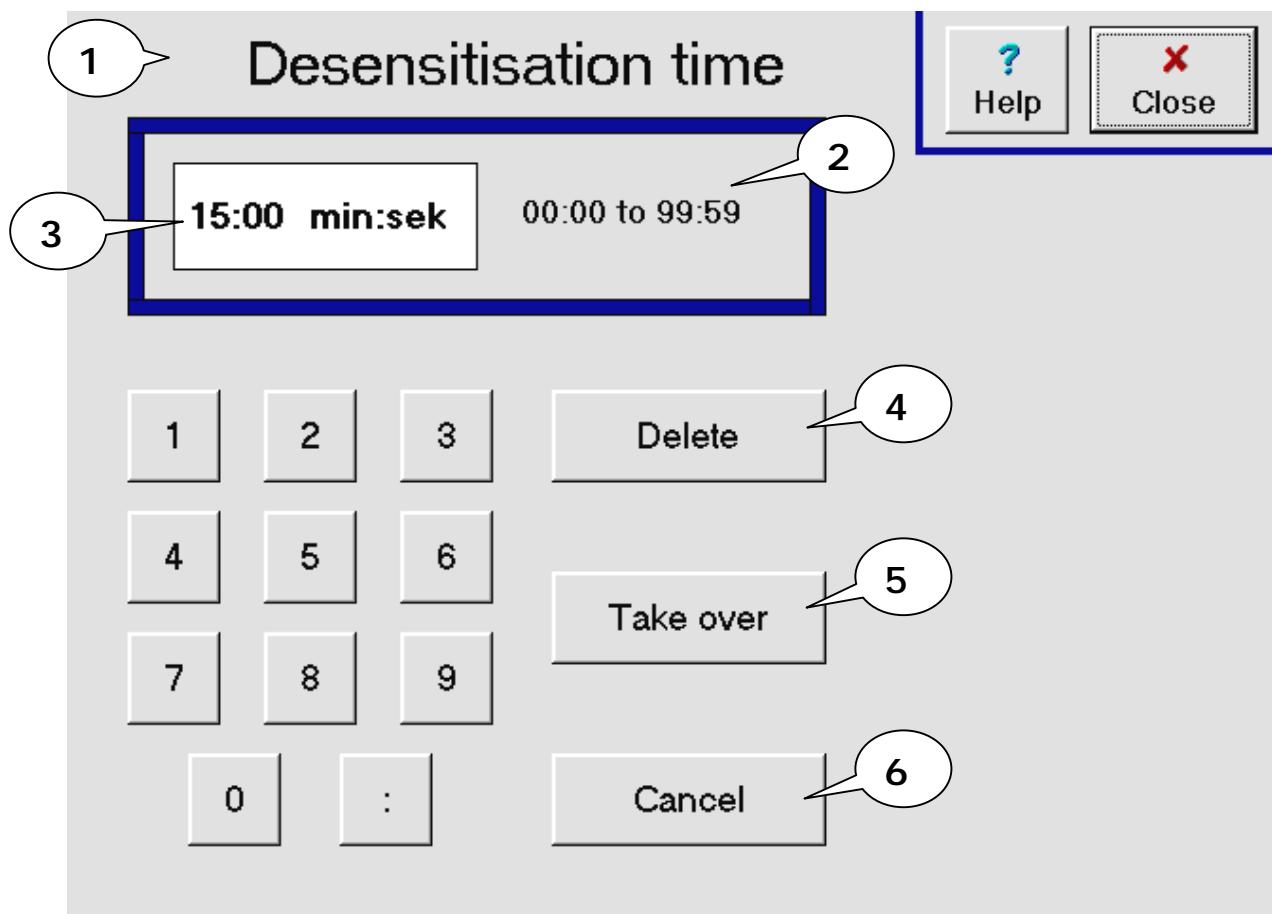
If you want to enter an interference, a description of the anticipated interference always appears in the upper part of the monitor (see **caption 1**). In this case, the name of the start value (i.e. of a range value test) shall be entered. Beneath the description (see **caption 2**), the entry format is indicated. The entered interference is displayed in the text field indicated by **caption 3**. For example, if you want to enter the interference value 0.50, it is sufficient to press the decimal point and 5. The other digits are generated automatically. The key **Delete** (**caption 4**) deletes the last entered digit of the entry. After completing the text, confirm with the key **Take over** (**caption 5**). If you do not want to take over the text, you can use the key **Cancel** (**caption 6**).

Note:

If the key **Close** (top, right) is activated, the entry will not be taken over.

## 1.6 How can I enter treatment periods in the Rayocomp PS 1000 Polar?

In some parts of the application, you have the possibility of setting different incentive rates, i.e. the time for desensitisation. An external keyboard is not available, therefore a keyboard has been programmed in the device. The picture below shows the entry of an incentive time as an example:



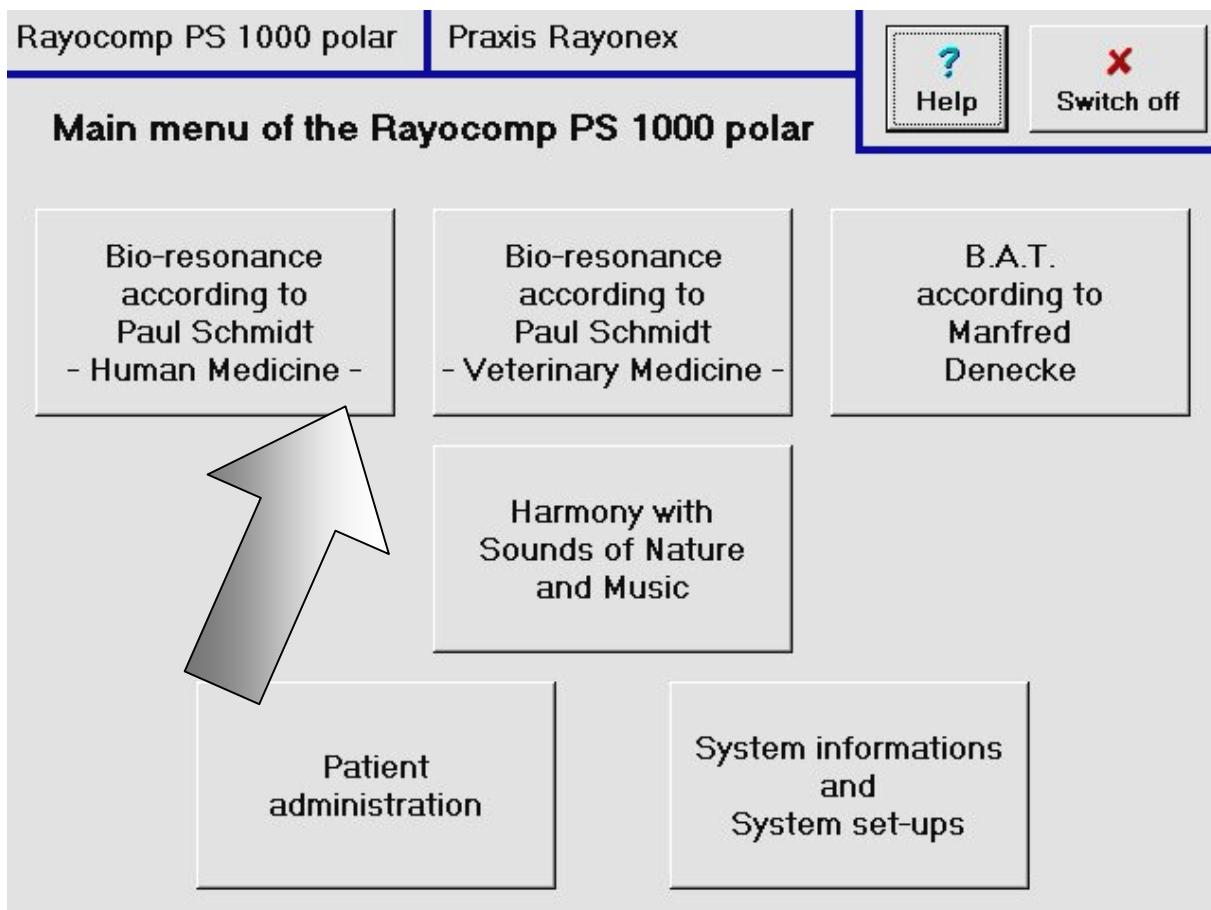
In the upper part of the monitor (see **caption 1**), there is always a description of the time entry. In this case, the desensitisation time (i.e. of an allergen desensitisation) shall be entered. Beneath the description (see **caption 2**), the entry format is indicated. The minutes are entered in front of the colon, the seconds behind it. The entered time is displayed in the text field indicated by **caption 3**. If, for example, you wish to enter 15 minutes, it is sufficient to press the one followed by the five. The other digits are generated automatically. The key **Delete** (**caption 4**) deletes the last entered digit of the entry. After entering the time, confirm with the key **Take over** (**caption 5**). If you do not want to take over the time entry, you can use the key **Cancel** (**caption 6**).

Note:

If the key **Close** (top, right) is activated, the entry will not be taken over.

## 2. Questions concerning the Bio-Resonance according to Paul Schmidt - Human Medicine -

The questions in this chapter relate to the key of the main menu marked with an arrow:

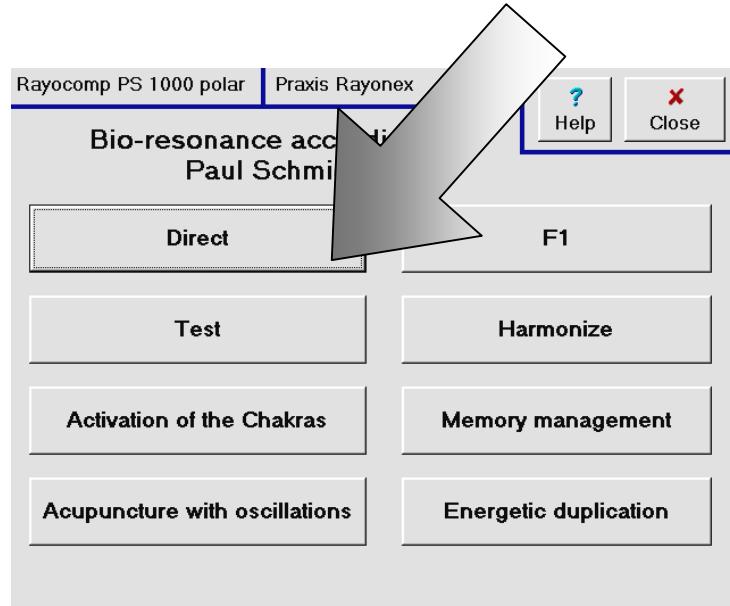


**Note:** We would like to remind you, that certain functions i.e. the Bioenergetics according to Manfred Denecke do not belong to the standard equipment. Item 7.1.4 informs you, how to look into the integrated modules in the Rayocomp PS 1000 Polar.

## 2.1 Questions concerning the secondary menu point "Direct"

### 2.1.1 How can I enter, test and harmonize interferences very quickly with the function "Direct"?

After you have pressed the key **Bio-resonance according to Paul Schmidt** in the main menu, please activate the key marked with an arrow.

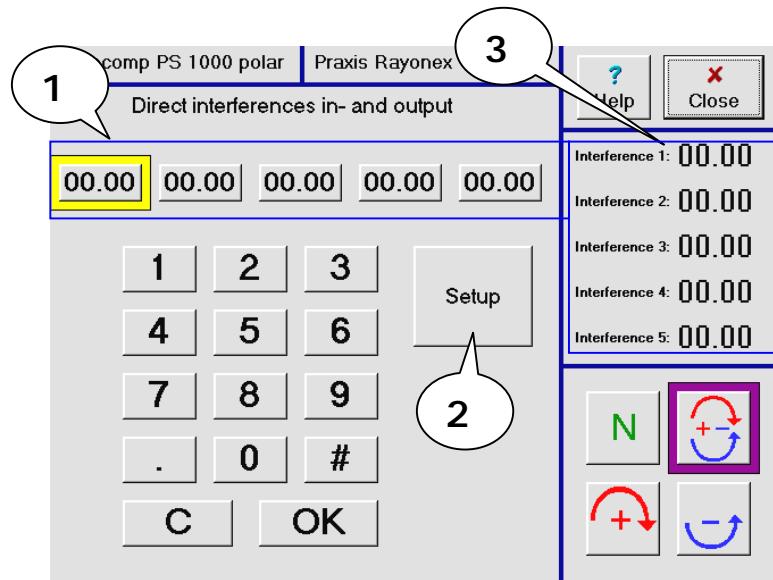


As a result, the following page is displayed:

In the menu point **Direct**, you can enter a total of five interferences. The function **Direct** is particularly suitable for quick testing or harmonising. The entered values are not taken over in the memory. For entering your required interferences, please select one of the five keys (see caption 1). Then enter the required interferences via numerical keys and confirm the entry with the **OK** key. When all

interferences have been entered, press the key **Setup** (see caption 2), and a stand-by display will appear for a short while. This is the time required for setting up the interference values. After the setting-up process, you can see the currently set interferences in the right margin of the screen (see caption 3). Of course, you can also apply the functions of the polariser here.

**Basic details concerning polarisation can be found in chapter 2 of this user manual. Further information on testing with polarised oscillation can be obtained in 2.2.1.**



## 2.2 Questions concerning the secondary menu point "Testing"

### 2.2.1 How does the testing process with the sensor (Rayotest) and the integrated polariser work in the Rayocomp PS 1000 Polar, and how can I find out, whether an energetic disorder is weak or very strong?

The basic disclosures for polarisation can be found in the second part of this user manual, therefore the practical application with the device will be explained in the following.

Testing single interferences emanating from the device with the Rayocomp PS 1000 Polar and the connected sensor is always performed in the same way.

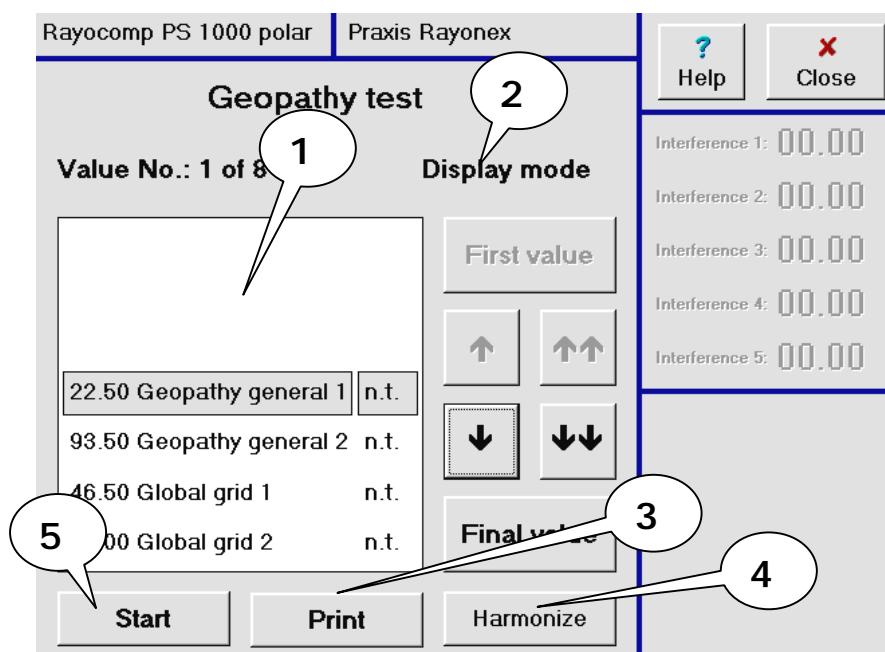
As an example, the geopathy test is explained in the following.

After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Test. Then press the key Geopathy test on the right side. The picture you can see on the right appears.

Currently, the interferences shown in the display (see caption 1) are in the display mode (see caption 2). In the display mode, you can look at the interference values and their resonances with the help of the navigation keys without setting every single value first. This function is particularly useful if you want to look at a previous test and its results from the patient history.

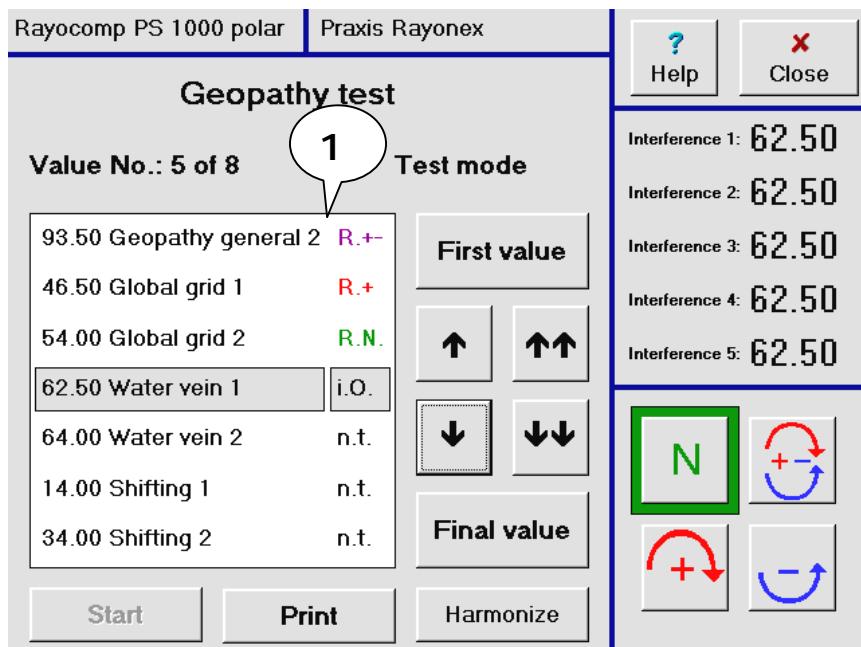
In general, you can print the interference values and their resonances in the display window at any time (see caption 3) or use them for harmonization (see caption 4).

With the Start key (see caption 5), you switch over from the display to the test mode, which is described in detail on the following pages.



When the **Start** key is pressed, the interferences can be seen on the right side, and also the four polariser keys. The basic set up of the polariser is always N = neutral, which means without polarisation.

In caption 1, the current state of the associated resonance is displayed. In the display mode, all resonances are set to n.t., which means not tested. If a new resonance is being tested, the resonance property is set to i.O. at first, which means in order = treatment unnecessary.



Before beginning with the testing process, please consider, whether you are testing yourself or a third party, i.e. a patient. In part 2 of the user manual, you will find valuable information to assure exact measuring.

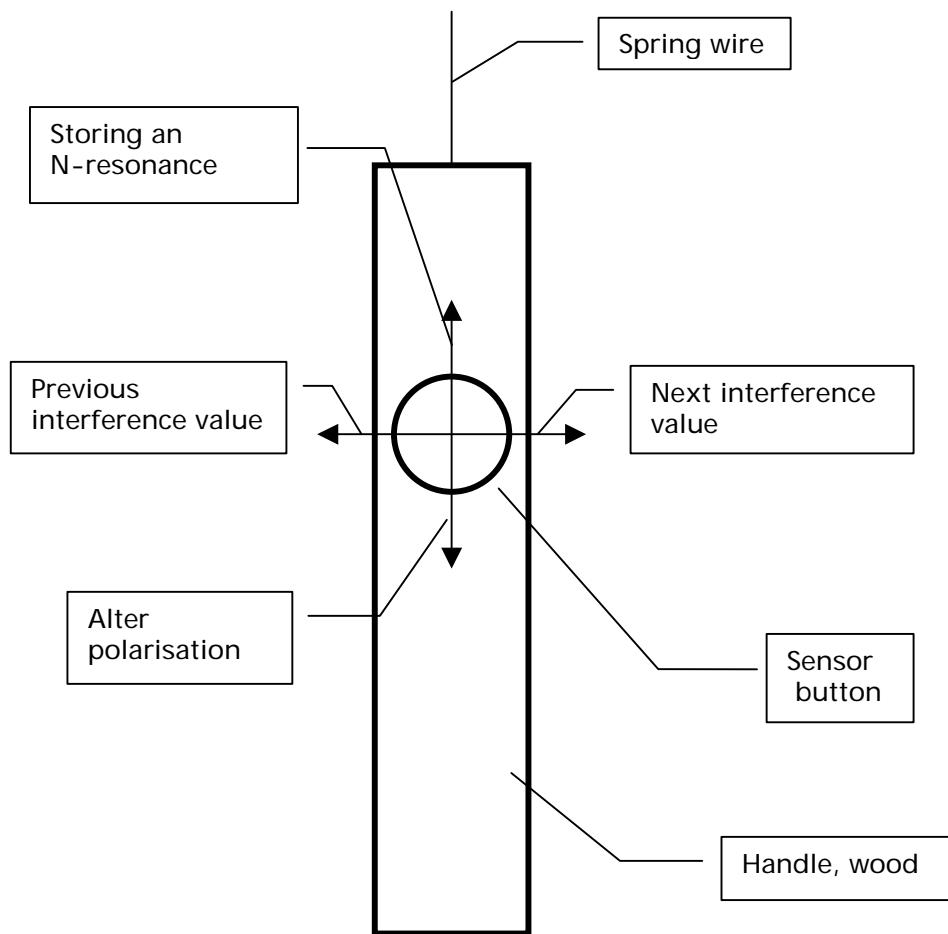
Now test with the sensor to find out, whether you achieve a rotation (left or right motion) or a linear movement. A rotation means, that the field in the organism linked to the interference is stable and therefore does not require treatment. If, however, the achieved motion is linear, this patient suffers from an energetic blockade. If it is irrelevant, whether the blockade is strong or weak, you now press the button on the sensor in the direction of the spring wire. The device will store a N / resonance. Then press the button of the sensor to the right, and the next interference can be tested.

If you want to know exactly, which polarisation is most suitable for helping the organism, or if you want to find out, whether the disturbance is strong or weak, then press the button down after having tested a linear movement on N. Now the polariser is switched over to polarisation +/--. If the sensor is now already performing a rotation, the disturbance is not very strong. In this case, press the button of the sensor to the right, and the next interference can be tested. If the linear movement continues when set to +/- polarisation however, the disturbance is stronger. Press the button down and test, whether the + polarisation, which is now set, leads to a rotation means, that the + polarisation is most suitable for harmonization. If still no rotation could be achieved, press down the button of the sensor once more. Now you will see, that there is a rotation on the - polarisation.

In this way, you must test all the interferences offered to you. If you are unsure, whether you have skipped an interference by mistake, you can press the button of the sensor to the left, and you return to the previous interference.

If you have already defined a patient in the patient history before testing, these values are automatically stored when leaving the test and can be called up or tested again later on.

In the following, you will find a summary of the functions of the sensor:

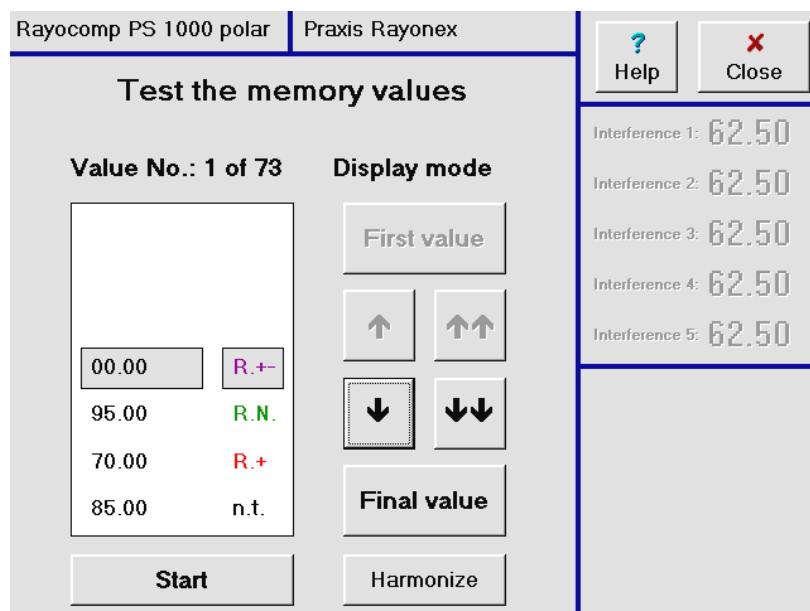


Note: During the process of testing, do not hold the Rayotest in immediate proximity of the patient or above the device.

## 2.2.2 How do I test the interference values of the memory ?

There are many reasons for testing the values in the memory . For example, they can be values from a memory card, an own compilation, or a special therapy program. Perhaps you want to test the special program Parasites; in that case, you should first load the corresponding program from the memory management and then test the memory values.

After you have pressed the key **Bio-resonance according to Paul Schmidt** in the main menu, please activate the key **Test**. Then press the key **Test with memory values** on the left side. The picture you can see on the right appears.



Press **Start**, and the device sets up the first interference value. Now testing may commence.

If you have further questions concerning the test course, we can recommend working through the question 2.2.1. You will find all details on the work with different polarisations, and how you can differ between strong and weak energetic disturbances.

### 2.2.3 How do I carry out the most successful patient test, the range value test?

The range value test is the perfect method for testing very complex symptoms or disorders, which are particularly difficult to treat.

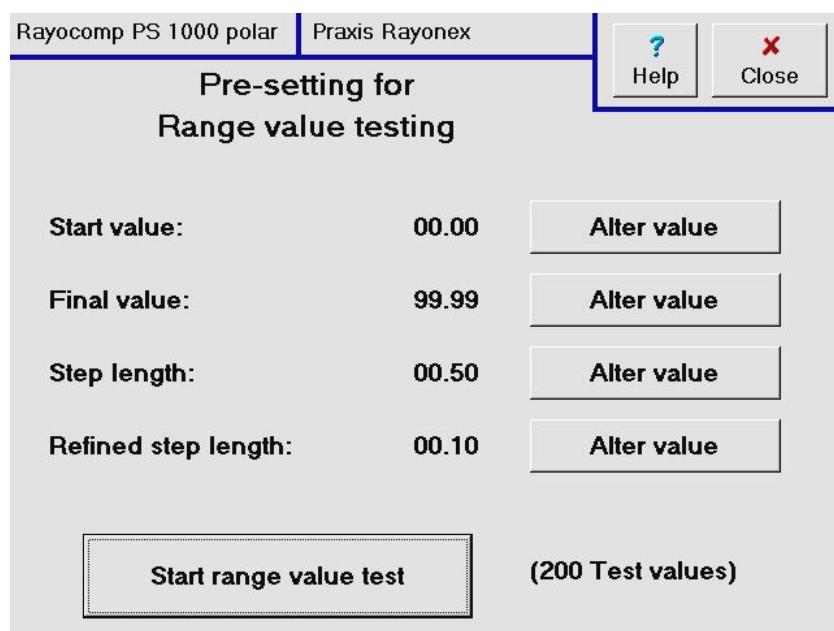
The range value test concretely begins with the start value. This is followed by testing each interference on resonance in steps of 00.50.

As a result, the range value test is a compilation of all those resonances the body needs for regulation.

If you test the so found resonances again after several harmonizing sessions, you will discover, that only parts of the interferences need further harmonising. If this process is repeated several times, at the end only a few really stubborn resonances will remain, which is very helpful for stating an excellent diagnosis.

With the range value test and the harmonization resulting from it, you can also build up a really good prevention.

After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Test. Then press the key Test with range values on the left side. The picture you can see on the right appears.



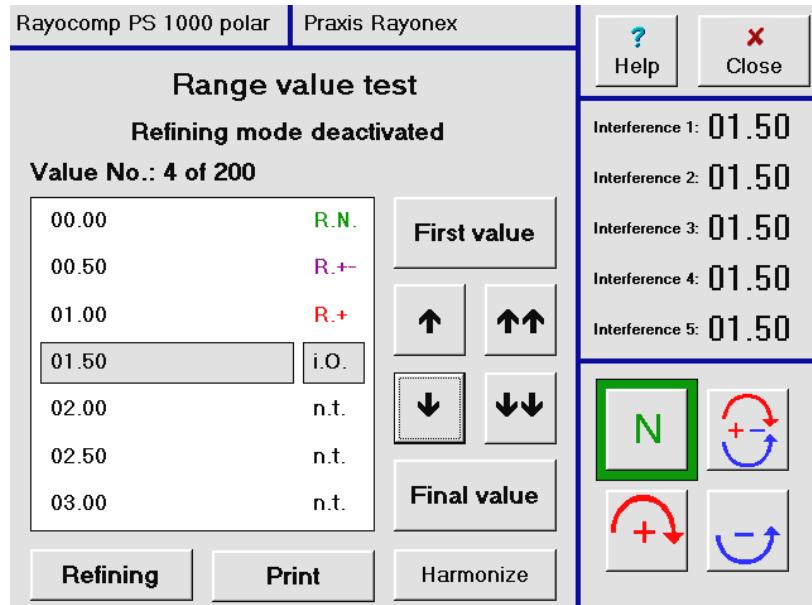
Normally, the range value test is carried out with a start value of 00.00 and a final value of 99.99, with step lengths of 00.50 and refined step lengths of 00.10. In order to be able to alter these setup, this monitor page was inserted before the actual test. Simply press the key Alter, and you will change over to the corresponding entry field.

When all pre-settings are ready, please activate the key Start range value test.

The monitor changes to display the following page:

Now test with the sensor to find out, whether you achieve a rotation (left or right motion) or a linear movement. A rotation means, that the field in the organism linked to the interference is stable and therefore does not require treatment. If, however, the achieved motion is linear, this patient suffers from an energetic blockade. If it is irrelevant, whether the blockade is strong or weak, you now press the button on the sensor in

the direction of the spring wire. The device will store an N - resonance. Then press the button of the sensor to the right, and the next interference can be tested.



If you want to know exactly, which polarisation is most suitable for helping the organism, or if you want to find out, whether the disturbance is strong or weak, then press the button down after having tested a linear movement on N. Now the polariser is switched over to polarisation +/- . If the sensor is now already performing a rotation, the disturbance is not very strong. In this case, press the button of the sensor to the right, and the next interference can be tested. If the linear movement continues when set to +/- polarisation however, the disturbance is stronger. Press the button down again and test, whether the + polarisation, which is now set, leads to a rotation. Rotation means, that the + polarisation is most suitable for harmonization. If still no rotation could be achieved, press down the button of the sensor once more. Now you will see, that there is a rotation on the - polarisation.

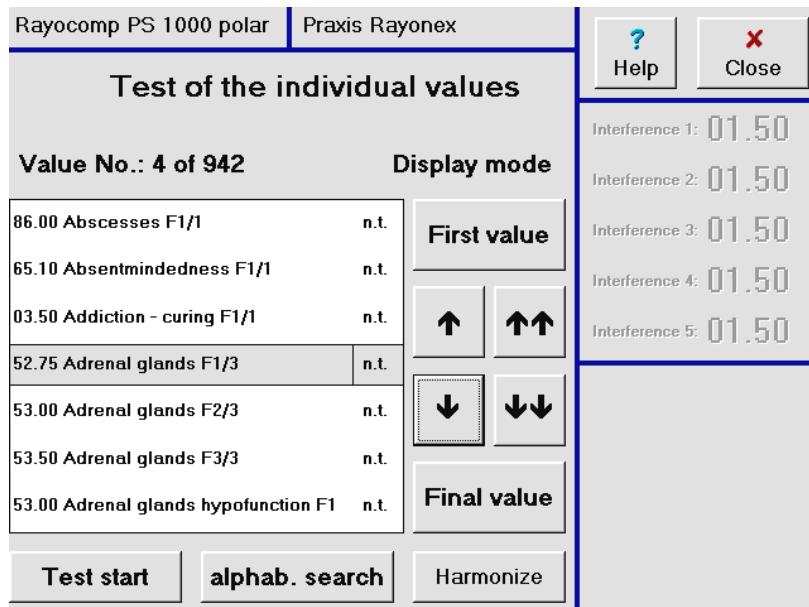
In this way, you must test all the interferences offered to you. If you are unsure, whether you have skipped an interference by mistake, you can press the button of the sensor to the left, and you return to the previous interference. If you need further information concerning this test, you will find it in the answer to question 2.2.1.

**Information on refining:** If you want to work out a detected resonance value more concretely (precisely), please press the key Refining. This allows you to use smaller step lengths to find the exact value.

## 2.2.4 How do I test individual indications comfortably, without having to use written indication lists?

In the past, the single indications had to be looked up in corresponding indication lists in order to find the right diagnosis, but now the Rayocomp PS 1000 Polar offers a very comfortable solution. The instantaneously available indication values are already integrated in the device and can be called up very easily.

After you have pressed the key **Bio-resonance according to Paul Schmidt** in the main menu, please activate the key **Test**. Then please press the key **Test according to indication** on the left side. The picture you can see on the right appears (with value no. 1, however).



For example, you want to find out in the diagnosis, whether the patient already shows signs of degeneration of the intervertebral disk, please press the key **alphab. search**. Now, a text window opens, and you can enter the first three letters of the indication you are looking for, in this case int. Confirm the entry. Now the display window shows the first value of the indication you are looking for. If you press **Test start** now, the corresponding interference is set up for testing.

If you want to go on testing, press the key **alphab. search** again, and enter the indication you are looking for a second time. The so-found resonances are stored altogether and can be used for harmonizing directly, when the key **Harmonize** is activated.

If you have drawn up a patient file in the patient administration beforehand, the device will store the testing and save it for a later date

If you need further information concerning this test, you will find it in the answer to question 2.2.1.

## 2.2.5 How do I test the global test set with a total of 70 allergen compilations, in order to receive a complete picture of the intolerances of the patient?

Generally:

The global test set presents itself as a highly condensed test set with a total of 70 ampoules. Each one of the test ampoules contains a great number of single substances. The ampoule G07 (milk products, eggs), for example, contains the following single products: milk, yoghurt, cream, butter, condensed milk, Bifidus, buttermilk, egg white, sour milk, curd cheese, egg yolk and kefir.



The great advantage of these so-called collective ampoules is obvious. It is unnecessary to test all the single ampoules of a group to gain the result, that the patient is suffering from an intolerance of milk or egg products.

Together, the 70 ampoules of this test set contain all substances of the single test sets from order no. 420 to 438, thus providing you with a very efficient and economical global test set.

The Rayocomp PS 1000 Polar supports the tests with this global test set. More information will follow after the list of the single substances.

The test set contains the following ampoules:

### Check substances (please always check first):

G01:NaCl  
G02:Lactose  
G03:Paraffin oil  
G04:NaCl + Phenol

### Food:

G05:Biogene amines,  
G06:Gliadine, gluten, phosphates, salicylic acid  
G07:Milk products, eggs  
G08:Salad oils  
G09:Cheese

G10:Meat, tofu  
G11:Fish, shellfish and molluscs  
G12:Grains, rice, seeds  
G13:Pulses, kernels  
G14:Sugar, honey, liquorice  
G15:Artificial sweeteners, sugar surrogates  
G16:Salt, curing substance, iodide, fluoride  
G17:Seasoning, vinegar  
G18:Spices  
G19:Herbal teas  
G20:Coffee, tea  
G21:Baking ingredients  
G22:Nuts  
G23:Edible mushrooms  
G24:Beer, wine, brandy  
G25:Tuberous vegetables  
G26:Vegetables, melons  
G27:Pomaceous fruit  
G28:Stone fruit, exotic fruit  
G29:Berries  
G30:Citrus fruits

Food Additives:

G31:Colorants  
G32:Food preservatives  
G33:Antioxidants, emulsifying agents, stabilising agents, taste enhancer  
G34:Variety of E-substances

Aromatic Substances:

G35:Food flavour substances

Disinfectants and Food Preservatives:

G36:Disinfectants and food preservatives

Pollen:

G37:Rare or seldom allergenic pollen  
G38:Common pollen, seldom allergenic  
G39:Common pollen, often allergenic

Animal Epithelia, Insect Poison:

G40:Animal epithelia, insect poison

Fungi:

G41:Fungi

Wood Dust, Plant Fibres, Hay Dust

G42:Wood dust, plant fibres, hay dust

Household, Cosmetics:

G43:Household, cosmetics

Textiles, Textile Colorants, Detergents:

G44:Textiles, natural fibres

G45:Textiles, man-made fibres

G46:Textile colorants

G47:Detergents, fabric conditioners

Medical Substances:

G48:Antibiotics, antiseptic and antimycotic agents

G49:Corticoides

G50:Local anaesthetics, substances for eye treatment

G51:Antibiotics, corticoides, penicillins 1

G52:Antibiotics, corticoides, penicillins 2

G53:Various pharmaceutical products, psychiatric drugs 1

G54:Various pharmaceutical products, psychiatric drugs 2

G55:Vaccines, Malaria prophylaxis, snake poison

Metals:

G56:Metals 1

G57:Metals 2

Pesticides:

G58:Pesticides 1

G59:Pesticides 2

G60:Pesticides 3

G61:Pesticides 4

Sun Protection Substances, Photo-Allergens:

G62:Sunprotection substances

G63:Photo-allergens

Environmental Chemicals:

G64:Environmental chemicals 1

G65:Environmental chemicals 2

G66:Environmental chemicals 3

G67:Fibres

G68:Fuels, exhaust emission

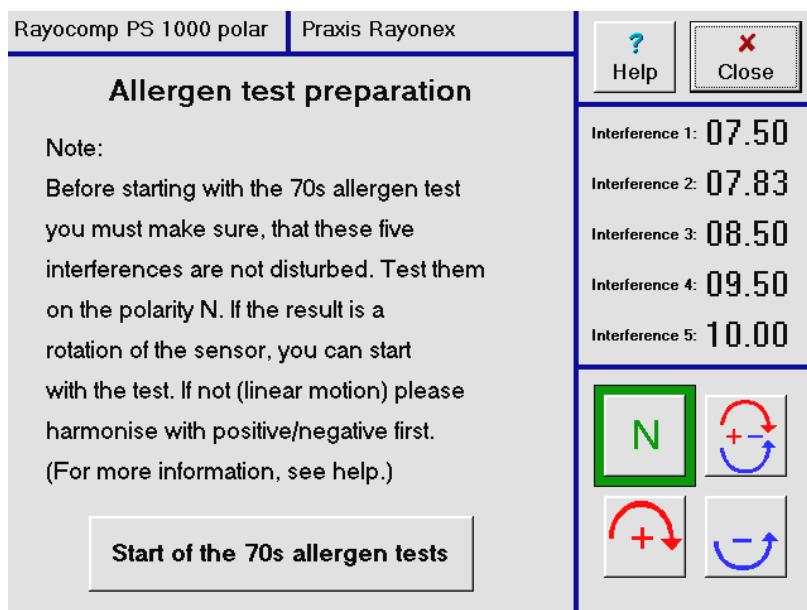
G69:Dissolvents

Denture Substances:

G70:Denture substances

## Testing the Global Test Set:

After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Test. Then press the key 70s allergen test on the left side. The picture you can see on the right appears.



A monitor page becomes visible, which shows all necessary steps for preparing the allergen test.

After having connected the patient with hand and foot detectors, please test the five set interferences on a rotation of the sensor. In this case, the fields corresponding with the interferences are stable, and you can use them to test the effect of a substance brought into the oscillation circle of the device (allergen) and find out, whether it weakens the body. The last mentioned would show in a linear motion of the sensor.

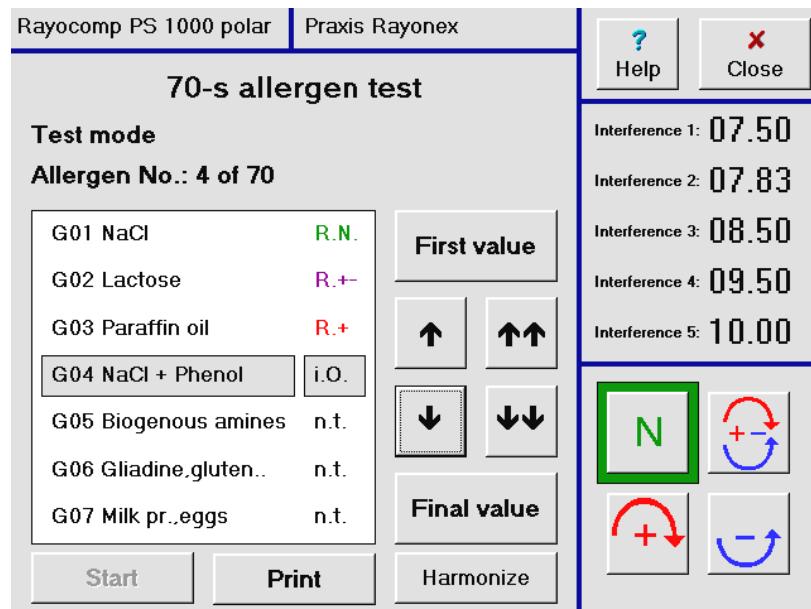
You see, that an important pre-condition for a correct test is the initial test on rotation with these five transfer values. If the rotation cannot be measured, the transfer values must be harmonised first. To do this, please switch the polariser to +/- . Wait a couple of minutes, then test the on rotation again, with the switch of the polariser in N position. The 70s allergen test can only be safely carried out, if the transfer values achieve a rotation with the polariser switched to N.

As soon as the preparations for the allergen test have been completed, please press the key Start of the 70s allergen test.

The following monitor page appears:

In the window, all the ampoules contained in the global test set appear.

Now integrate the patient in the allergen test. Instead of the hand detector, connect an allergen detector and let your patient hold it in his left hand. The patient is still connected with the foot detectors and the right hand detector. The patient touches the first ampoule in the global test set, one of four pre-test ampoules, to ensure, that he shows no intolerances against the substances used in the ampoules for preservation.



After the patient has touched the first ampoule with the allergen detector, please check on the reaction of the sensor (rotation or linear movement). Please test all four ampoules in this way. If you achieve a linear motion with one of the ampoules, desensitising is required first. In this case, press the key Harmonize and place the ampoule, which has prompted the linear motion, into the protection cup attached on the left side. Desensitise (also take a look at the answer to question 2.6.3.). After desensitising, close the corresponding window to return to the 70s allergen test, which can now be carried out without problems, thanks to the optimal preparation.

Now test all ampoules from G5 to G70 by letting the patient touch each single ampoule with the allergen detector, and watch out for a rotation or a linear movement. The device saves the resonances. If you have a file of your patient in the patient administration, the device will store the results there, to be called up and re-tested at any time later on.

### Is the present intolerance strong or weak?

Now test with the sensor to find out, whether you achieve a rotation (left or right motion) or a linear movement. If you achieve a rotation, the substance cannot destabilise the corresponding field of the organism, in other words, the body has no problems with this substance.

If, however, the achieved motion is linear, this patient is suffering from an intolerance of the substance. If it is irrelevant for you, whether the blockade is strong or weak, you now press the button on the sensor in the direction of the spring wire. The device will store a N - resonance. Then press the button of the sensor to the right, and the next ampoule can be tested.

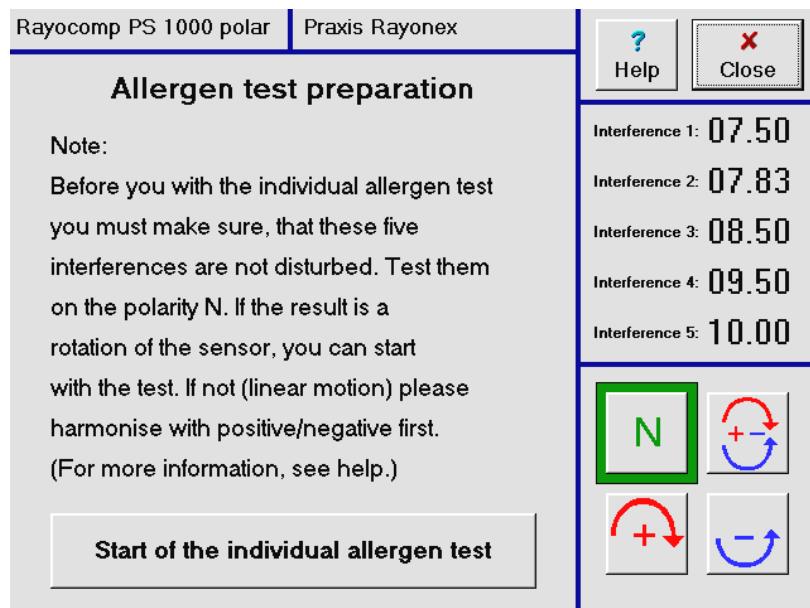
If you want to know exactly, which polarisation is most suitable for helping the organism, or if you want to find out, whether the disturbance is strong or weak, then press the button down after having tested a linear movement on N. Now the polariser is switched over to polarisation +/- . If the sensor is now already performing a rotation, the intolerance is not very strong. In this case, press the button of the sensor to the right, and the next ampoule can be tested. If the linear movement continues when set to +/- polarisation however, the intolerance is stronger. Press the button down again and test, whether the + polarisation, which is now set, leads to a rotation. Rotation means, that the + polarisation is most suitable for harmonization. If still no rotation could be achieved, press down the button of the sensor once more. Now you will see, that there is a rotation on the - polarisation.

In this way, you must test all the ampoules of the set. If you are unsure, whether you have skipped an ampoule by mistake, you can press the button of the sensor to the left, and you will return to the previous ampoule. If you need further information concerning this test, you can find it in the answer to question 2.2.1.

## 2.2.6 How do I test an individual allergen?

Beside the global test set, with which you can test a total of 70 so-called collection ampoules (see question 2.2.5), you also have the possibility of testing single substances on their intolerability.

After you have pressed the key **Bio-resonance according to Paul Schmidt** in the main menu, please activate the key **Test**. Then press the key **Individual allergen test** on the left side. The picture you can see on the right appears.



A screen page becomes visible, which shows all necessary steps for preparing the allergen test.

Please connect the patient with hand and foot detectors. Now, please test, whether the five set interferences cause a rotation of the sensor. In this case, the fields corresponding with the interferences are stable, and you can use them to test the effect of a substance brought into the oscillation circle of the device (allergen) and find out, whether it weakens the body. The last mentioned would show in a linear motion of the sensor.

You see, that an important pre-condition for a correct test is the initial test on rotation with these five transfer values. If no rotation is achieved, the transfer values must be harmonised first. To do this, please switch the polariser to +/- . Wait a couple of minutes, then test them on rotation again, with the switch of the polariser in N position. An individual allergen test can only be safely carried out, if the transfer values achieve a rotation with the polariser switched to N.

Now integrate the patient in the allergen test. Instead of the hand detector, connect an allergen detector and let your patient hold it in his left hand. The patient is still connected with the foot detectors and the right hand detector. Now the patient touches the ampoule filled with the substance, which is going to be tested. If you only want to test a few ampoules, you can also place the ampoule into the protection cup of the device. In this case, the patient is connected with the hand as well as the foot detectors.

### **Is the present intolerance strong or weak?**

Now test with the sensor to find out, whether you achieve a rotation (left or right motion) or a linear movement. If the sensor is rotating, the substance cannot destabilise the corresponding field of the organism, in other words, the body has no problems with this substance.

If, however, the achieved motion is linear, this patient is suffering from an intolerance of the substance. If it is irrelevant for you, whether the blockade is strong or weak, you now press the button on the sensor in the direction of the spring wire. The device will store an N - resonance. Then press the button of the sensor to the right, and the next ampoule can be tested.

If you want to know exactly, which polarisation is most suitable for helping the organism, or if you want to find out, whether the disturbance is strong or weak, then press the button down after having tested a linear movement on N. Now the polariser is switched over to polarisation +/--. If the sensor already starts to rotate, the intolerance is not very strong. In this case, press the button of the sensor to the right, and the next ampoule can be tested. If the linear movement continues when set to +/- polarisation however, the intolerance is stronger. Press the button down again and test, whether the + polarisation, which is now set, leads to a rotation. Rotation means, that the + polarisation is most suitable for harmonization. If the sensor still doesn't start rotating, press down the button of the sensor once more. Now you will see, that there is a rotation with the - polarisation.

If you need further information concerning this test, you will find it in the answer to question 2.2.1.

If you want to desensitise the tested allergens at once, please press the key **Harmonize** (and also regard question 2.6.3).

**2.2.7 How do I test the 51 most important resonance spots of the body and determine a complete overview of the energetic blockades of the organism with the check-up list? How do I test disorders caused by electric smog, geopathy, bacteria, viruses and parasites or an unbalanced acid alkaline equilibrium?**

In this program version, the Rayocomp PS 1000 Polar supports a total of six different test windows.

**1. Electric Smog Test (see caption 1, bottom)**

The electric smog test contains 6 different interferences, which are often disturbed in the organism, after it was exposed to extremely high electric or magnetic alternating currents for a long time.

**2. Geopathy Test (see caption 2, bottom)**

The geopathy test consists of 8 different interferences. The first two interferences appear, when an organism is disturbed by the global grid, a water vein or shiftings. If these two show a disturbance in the test, you can carry on testing with the others, two for the global grid, two for water veins and two for shiftings, and see, which disturbance causes the disorders.

**3. Check-up Test (see caption 3, bottom)**

Of all interferences to test in a human being on, the check-up test unites the most important. This puts you in the favourable position of receiving statements concerning disharmonies of the single organs very quickly.

This test is a collection of 51 values.

**4.-5. Bacteria, Viruses and Parasites Test**

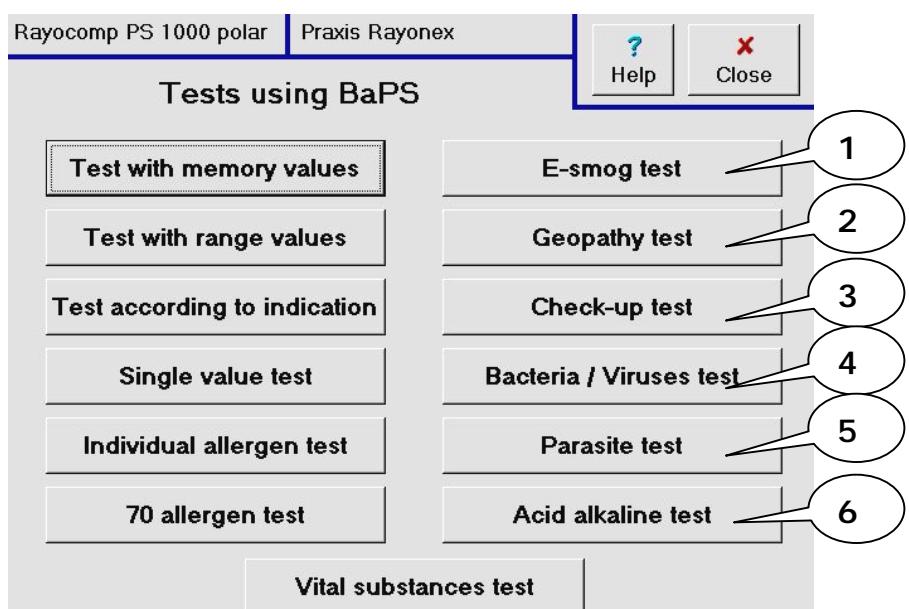
These test windows allows you to test the most important bacteria, viruses and parasites.

**6. Acid alkaline Test (see caption 6, bottom)**

The acid-alkaline test offers a total of 9 different interferences for testing. With this test, you can find out the extent of the disorders present, particularly in basophilic organs.

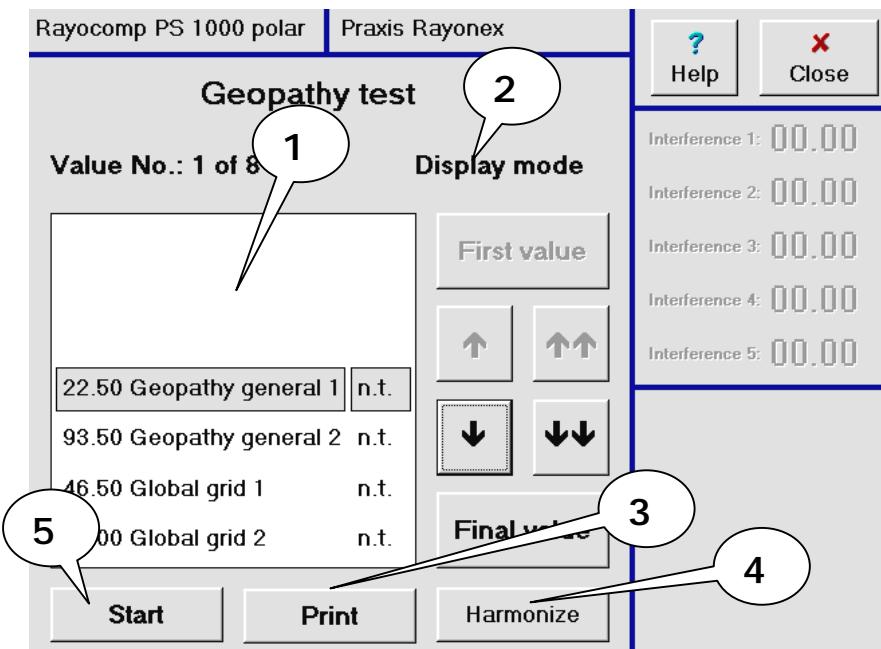
After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Test. The picture you can see on the right appears.

Then press the respective key (caption 1-6) for further testing (in the following, the key with caption 2).



As an example, the geopathy test is explained in the following.

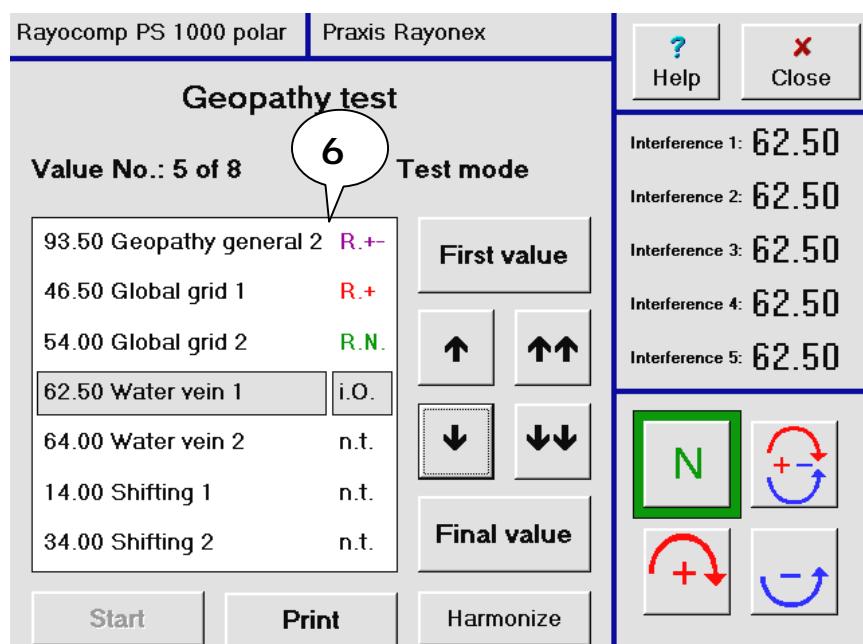
Currently, the interferences shown in the display (see caption 1) are in the display mode (see caption 2). In the display mode, you can look at the interference values and their resonances with the help of the navigation keys without setting every single value first. This function is particularly useful if you want to look at a previous test and its results from the patient history.



Basically, you can print the interference values and their resonances displayed in the window at any time (see caption 3) or use them for harmonization (see caption 4).

With the key **Start** (see caption 5), you change over from the display to the test mode. When the **Start** key is pressed, the interferences can be seen on the right side, and also the four polariser keys. The basic set up of the polariser is always N = neutral, which means, without polarisation.

In caption 6, the current state of the associated resonance is displayed. In the display mode, all resonances are set to n.t., which means not tested. If a new resonance is being tested, the resonance property is set to i.O. at first, which means in order = treatment unnecessary.



Before beginning with the testing process, please consider, whether you are testing yourself or a third party, i.e. a patient. In part 2 of the user manual, you will find valuable information to assure exact measuring.

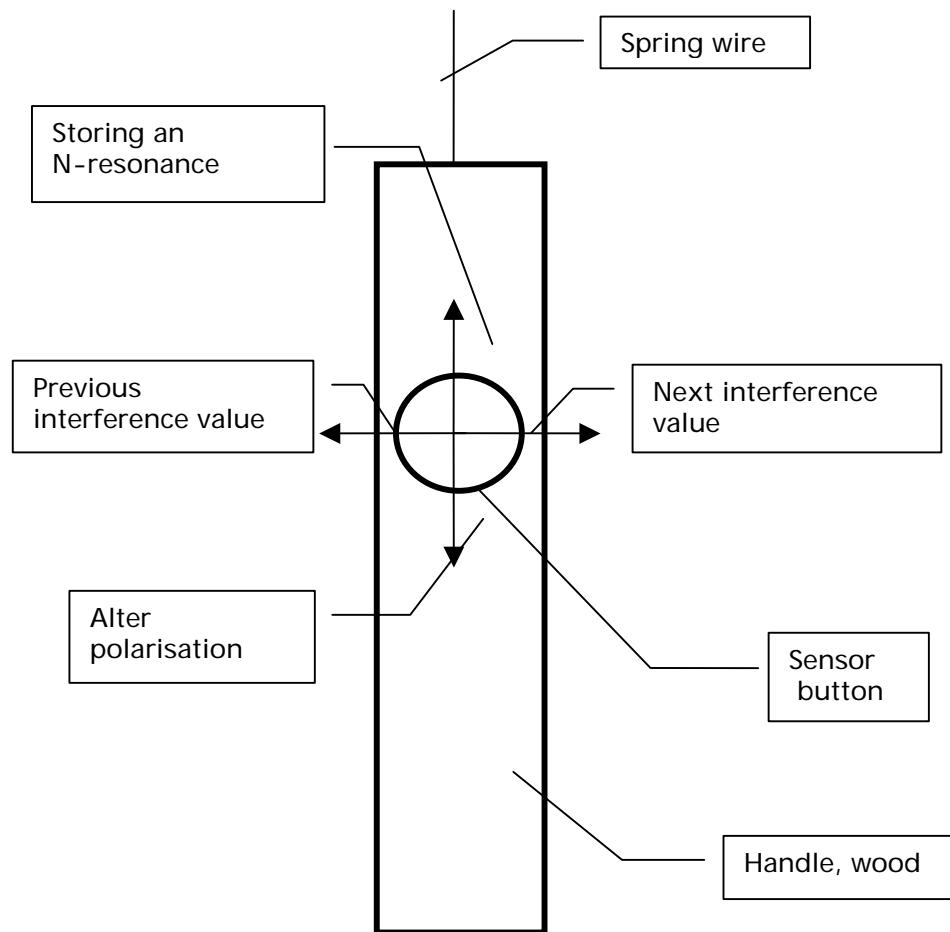
Now test with the sensor to find out, whether you achieve a rotation (left or right motion) or a linear movement. A rotation means, that the field in the organism linked to the interference is stable and therefore does not require treatment. If, however, the achieved motion is linear, this patient suffers from an energetic blockade. If it is irrelevant, whether the blockade is strong or weak, you now press the button on the sensor in the direction of the spring wire. The device will store a N - resonance. Then press the button of the sensor to the right, and the next interference can be tested.

If you want to know exactly, which polarisation is most suitable for helping the organism, or if you want to find out, whether the disturbance is strong or weak, then press the button down after having tested a linear movement on N. Now the polariser is switched over to polarisation +/- . If the sensor is now already rotating, the disturbance is not very strong. In this case, press the button of the sensor to the right, and the next interference can be tested. If the linear movement continues when set to +/- polarisation however, the disturbance is stronger. Press the button down and test, whether the + polarisation, which is now set, leads to a rotation. Rotation means, that the + polarisation is most suitable for harmonization. If still no rotation can be achieved, press down the button of the sensor once more. Now you will see, that there is a rotation on the - polarisation.

In this way, you must test all the interferences offered to you. If you are unsure, whether you have skipped an interference by mistake, you can press the button of the sensor to the left, and return to the previous interference.

If you have already defined a patient in the patient history before testing, these values are automatically stored when leaving the test and can be called up or tested again later on.

In the following, you will find a summary of the functions of the sensor:



Note: During the process of testing, do not hold the Rayotest immediately next to the patient or above the device.

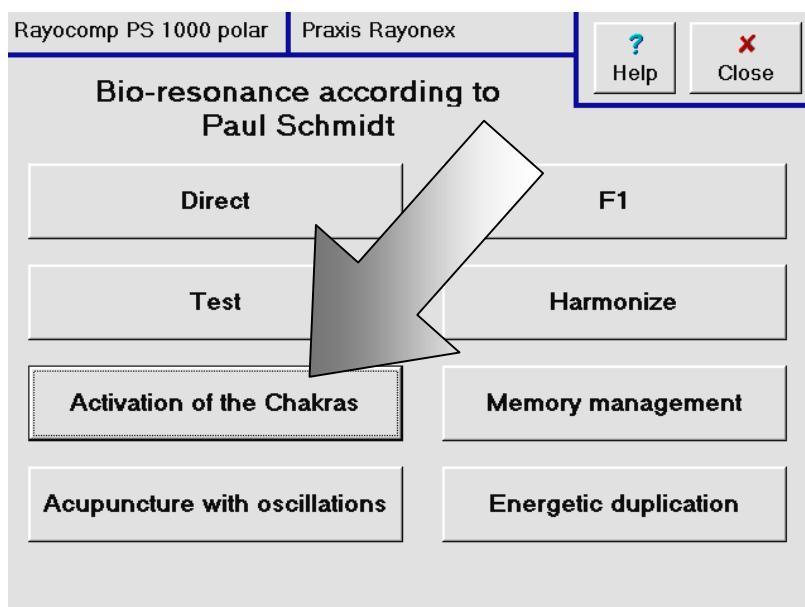
## 2.3 Questions concerning the secondary menu point "Chakra activation"

### 2.3.1 How can I carry out a rapid or very intensive activation of the Chakras of a female or a male patient?

Basically, the Chakras describe the most important energy transformation centres of the body. The importance of active Chakras has found a lot of attention in literature. With the help of the Bio-resonance according to Paul Schmidt, the seven main Chakras can be activated with the support of defined interferences. We definitely recommend activation before a harmonization process.

The Rayocomp PS 1000 Polar has a separate menu point especially for the activation of the seven Chakras.

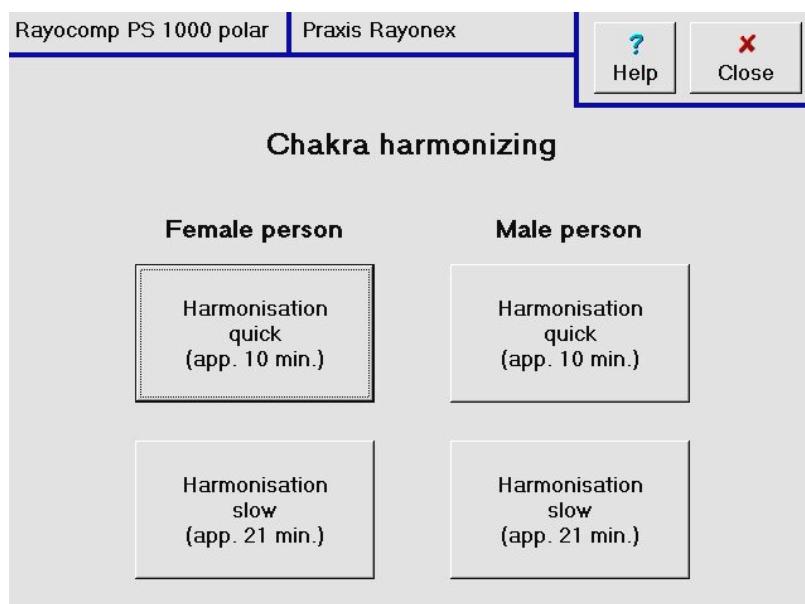
After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key marked with an arrow.



As a result, the following page is displayed:

Where rotation is concerned, the Chakras behave gender-dependent, therefore you will find a separate Chakra activation for the female (left column) and one for the male patient (right side).

It is also possible to carry out a quick or a slow harmonization of the Chakras.



### Quick Harmonization:

Quick harmonization is carried out in two harmonizing steps. In the first step, the four left-rotating Chakras of a woman are harmonized and in the second step, the same goes for the three remaining right-rotating Chakras. At first, the four right-rotating Chakras of a male patient are harmonized, while the three left-rotating Chakras are harmonized in the second step. A five minute treatment is fully up to the mark. Performed in this way, quick harmonization takes no more than approx. 10 minutes.

The polariser integrated in the Rayocomp PS 1000 Polar switches over automatically, according to the rotational direction of the Chakras.

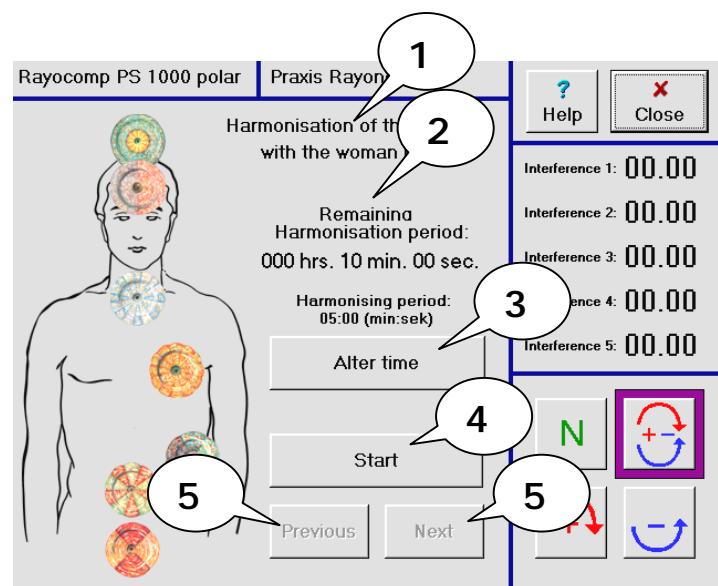
### Slow Harmonization:

Contrary to quick harmonization, with this method, the Chakras are harmonized one by one, beginning with the root Chakra. Therefore, a total of seven harmonizing steps is required, for female as well as for male patients. With every harmonizing step, all five interference levels of the Rayocomp PS 1000 Polar are set to the corresponding interferences of the Chakras. According to experience, three minutes per Chakra achieve good results, which adds up to approx. 20 minutes of harmonization time.

The polariser integrated in the Rayocomp PS 1000 Polar switches over automatically, according to the rotational direction of the Chakras.

The complete treatment course is described in the following example, quick harmonization of a female patient. After you have pressed the key, you will see this picture.

Caption 1 indicates the type of harmonization. You can read the remaining harmonizing time in caption 2, which can be regulated with the key Alter time (caption 3). Activation of the key Start (caption 4) starts the harmonization course. With the keys Previous and Next (caption 5), you can prompt the harmonization of the previous or the next Chakra.



**Important information concerning the rotational direction of the Chakras:**

Surely you have noticed, that the Chakras rotating to the left are harmonised with the polariser switched to + (right rotation). There is a special reason for this, the mirror effect. The Vertex Chakra of a man, for example, has a right rotation, but if you stand in front of him, you see a left rotation (mirror effect). The setting of the polariser is always adapted to the real process, therefore the Vertex Chakra of a man is harmonised with the polariser set to +.

### **2.3.2 How can I explain the test with the connected sensor (one-hand rod) to the patient with the aid of the "Chakra activation"?**

A patient, who is being tested with the Rayocomp PS 1000 Polar with the connected sensor for the first time, will easily understand the test method, if you demonstrate the Chakra activation.

The physical-medicinal Radiesthesia is based on a physical conception of the world with fine-matter energy (ether) filling the space, which generates the powers and forms of movement perceptible by the rod of the person working with Radiesthesia.

The physical-medicinal Radiesthesia, therefore, is based on real processes, existing independently from the person working with Radiesthesia and subject to the laws of cause and effect just like any other common physical process, although based on a different physical conception.

The physical-medicinal Radiesthesia does not use the queries in the sense of mental Radiesthesia, but works within the bounds of perceiving fine-matter energy processes with the sensor.

PMR is based on a model, which allows the interpretation of the patterns created by the sensor, as has been mentioned before. Because PMR presents itself as an objective method, the results do not depend on the person carrying out the Radiesthesia tests.

In detail, PMR distinguishes phenomena like resonance and rotation and the quantitative relationship of both components. Strength or weakness of the resonance also play a part in the test results.

Combined with the Biological Resonance Method according to Paul Schmidt, which examines the defined frequency ranges, this simple-to-apply practical method makes a qualitative and therefore definite evaluation of the energetic situation of the selected frequency possible.

Knowledge of the healthy energetic processes is a precondition for the development of a significant energetic diagnostic. Only if you know about the essential properties of the energy processes in health will you be able to diagnose the difference of diseased energy processes.

The Chakras serve our observations as a model example for all biological energy fields, basing on precise examinations, which prove, that the factors important for diagnosis can be found in all energy fields of the body. Because the Chakras are much stronger than the other energy fields of the body, they are particularly suitable for our kind of examination.

Chakras (Sanskrit: Chakra = wheel) are rotating energy fields, which integrate many smaller energy fields, therefore taking over a higher control function. Beside the main Chakras, which are the central control fields, the body has a large number of smaller rotating energy fields. These small secondary energy fields, which can be detected with the rod all over the body, can be seen as mini- or side-Chakras. The Tibetan medicine recognises 76,000 Chakras. Basically, these miniature- or side-Chakras own the same characteristics as the main Chakras, so we can use them for exemplary investigation of the fundamental properties of all biological energy fields and apply the results to the other fields of the body.

If you hold the sensor directly to a Chakra with normal functions, you will always see a rotation. A Chakra with increased physiological function, for example the larynx Chakra, will possibly show a stronger rotation. Therefore, a healthy field or Chakra will provoke a left or right rotation of the rod, depending on the frequency.

One feature of the healthy organism is its polarisation capability, which is the precondition for the transformation and integration of oscillations.

It enables the body to compensate disorders. The extent of this capability depends on the health conditions of an individual.

This capability is essential for all living organisms. If an organism were unable to function in this way, it could not maintain its own order against the multitude of external, but also internal influences, for example pathological oscillations of chronic inflammatory processes or toxins.

This polarisation and integration process is controlled by a great number of centres of circular oscillation, the largest of them being the main Chakras. The circular action polarises and integrates the oscillations. The functions described above, taking the Chakras as example, are valid for all fields of the body. In general, one might say:

If a field is disturbed in its function, the rotation of this field is also in disorder. This disturbance finds its expression in a horizontal movement of the sensor.

## 2.4 Questions concerning the module acupuncture with oscillations.

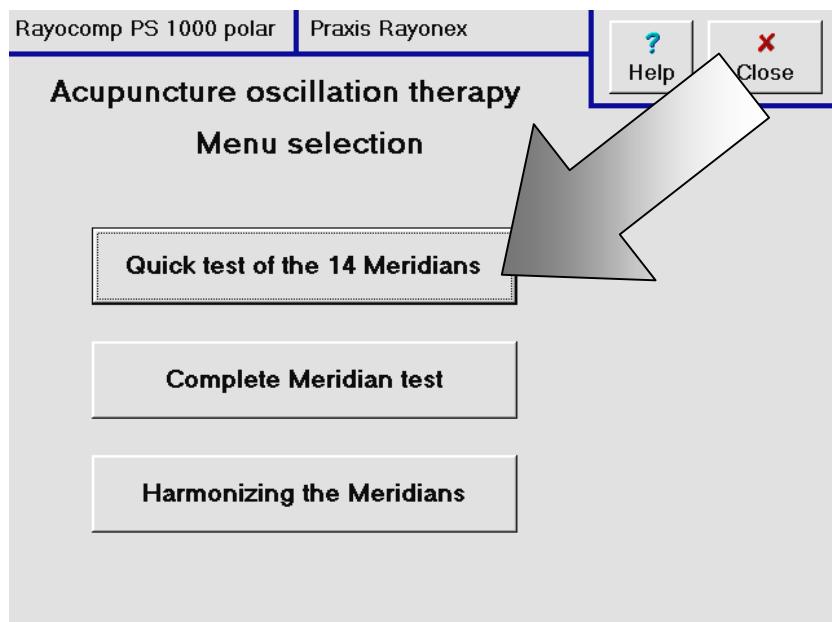
Traditional Chinese Medicine (TCM) knows of 14 Meridians, their frequencies were examined and determined, together with the points belonging to them. Today, we are able to balance every single Meridian point without using needles, merely with the aid of the Rayocomp PS 1000 Polar and the integrated polariser.

With the module acupuncture oscillation therapy, which can be integrated in the Rayocomp PS 1000 Polar, you can carry out a Meridian quick-test; based on these results, the corresponding Meridian pairs for harmonizing can be selected. Also, every single point of a Meridian can be examined with the aid of a graphic display and harmonised.

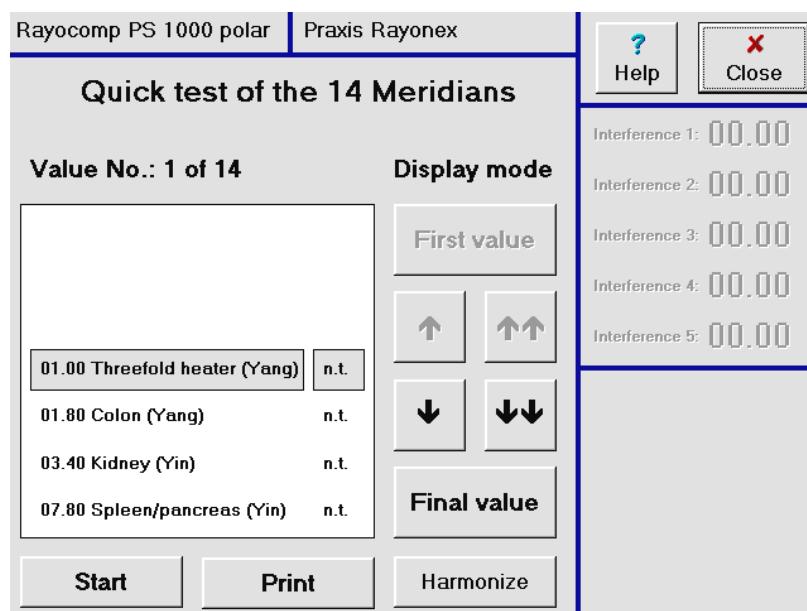
**Note:** We would like to point out, that this module does not belong to the basic equipment delivered with the Rayocomp PS 1000 Polar. Of course, you can only call up this function, if the module is integrated in your device!  
Item 7.1.4 informs you, how to look into the integrated modules in the Rayocomp PS 1000 Polar.

### 2.4.1 How do I test the 14 meridian points, and how can I carry out meridian harmonization on the basis of this test?

After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Acupuncture with oscillation. Then press the key marked with an arrow.



The page appearing on the screen shows you a test window, which offers the possibility of testing the 14 Meridian points. The tests are not carried out at the location of the Meridian points, the patient is connected to the hand and foot detectors instead. The test method will not be explained here again, you can look it up in the answer to question 2.2.1, where you will find a very detailed description.

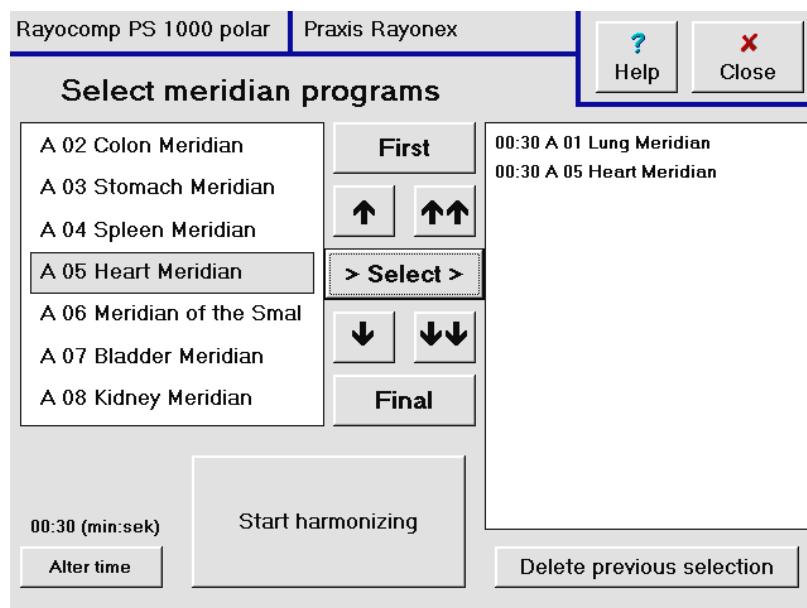


After the 14 Meridian points have been measured, and, as a result of these measurement, you discover, that the harmonization of certain Yin/Yang Meridian pairs is required, please press the key Harmonize.

If a lung Meridian has been tested, for example, the Rayocomp PS 1000 Polar also suggests the matching Yin/Yang Meridian, in this case the colon.

A meridian harmonize, resulting from the test, is then offered directly. The example shows, that a total of three Meridian pairs would require harmonize. Carry out harmonization by pressing the key Start harmonizing.

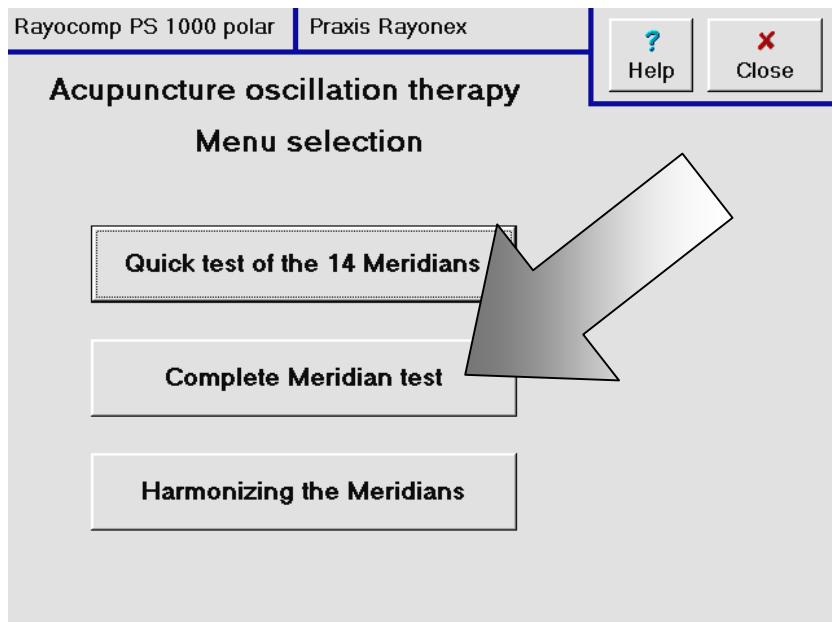
If you want more information concerning harmonizing, please read chapter 2.6.



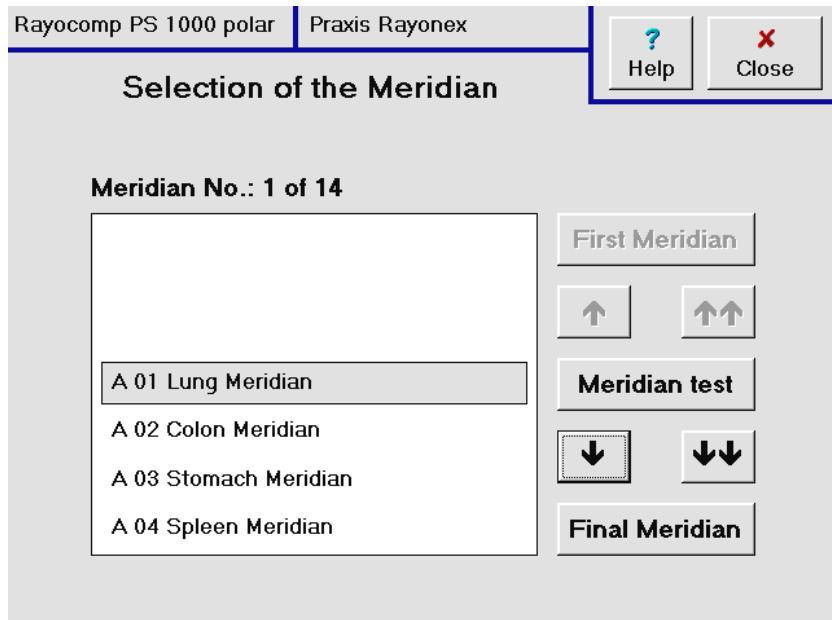
### 2.4.2 How can I test an individual meridian, point by point?

Each Meridian is a collection of several single Meridian points. The frequencies of each single one of these points has been described, therefore they can be harmonised with the Bio-resonance according to Paul Schmidt.

After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Acupuncture with oscillation. Then press the key marked with an arrow.



You reach a selection window, from which you can select the desired Meridian. Use the navigation keys for selection. Press the key Meridian test, when the name of the Meridian intended for testing appears in the text area with a grey background.



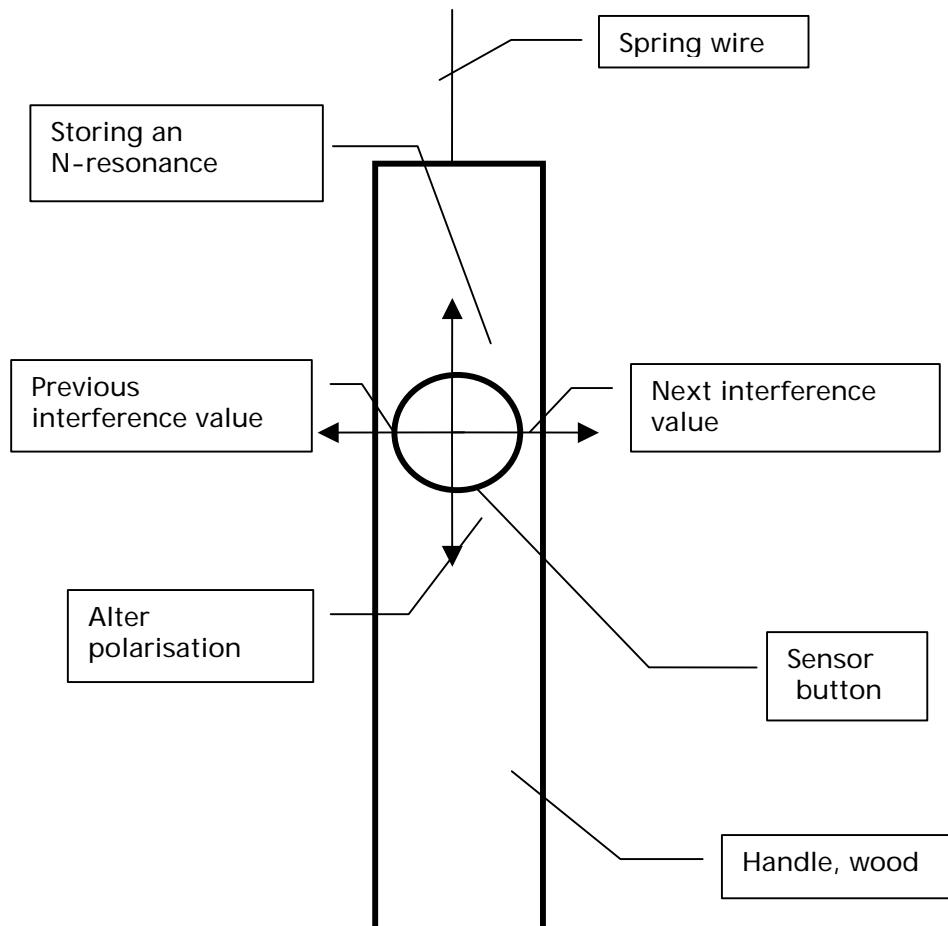
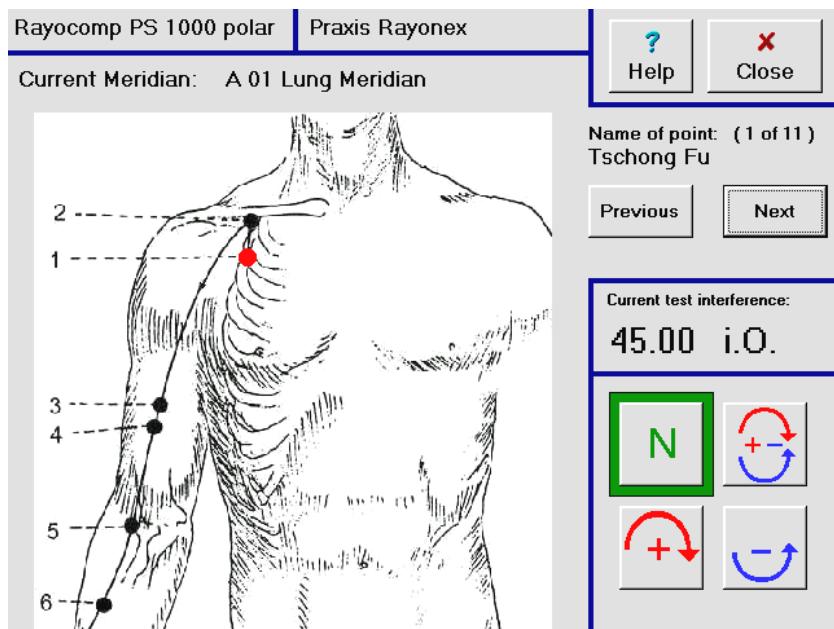
In the further description, the lung Meridian (A01) was selected.

As soon as you have pressed the key **Meridian test**, the first point of the lung Meridian is displayed in a graph as a red dot.

Now you can test the patient via hand and foot detector, but also directly by touching the indicated point of the patient body with a spherical detector. If you use the second method described above, please make sure, that you are not touching the metal handle of the spherical detector yourself, otherwise you will be testing your own Meridian points.

PMR is also valid for the Meridian test. If the motion pattern of the sensor is linear, the point of the Meridian needs harmonizing. Make use of the possibilities of the polariser, as described in chapter 2.2.1.

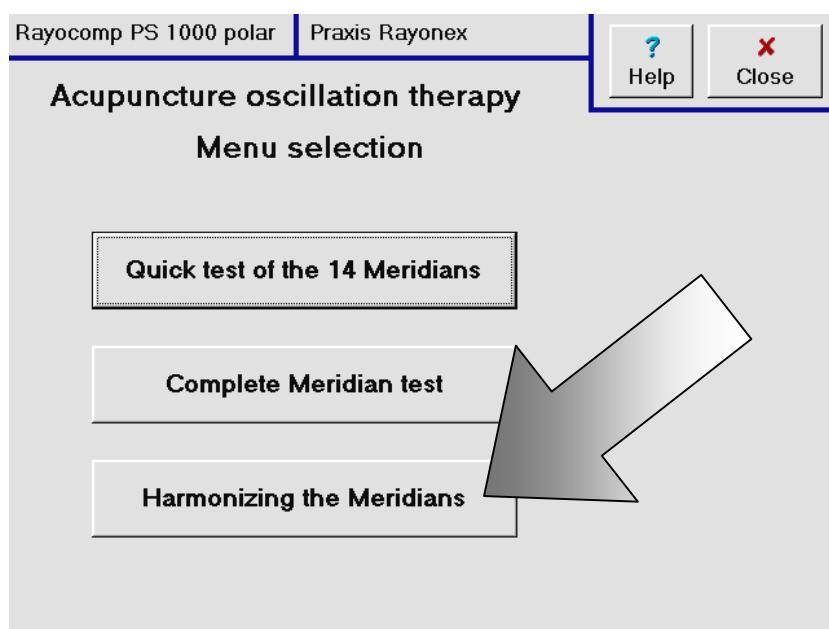
Here a description of the functions, which can be activated with the button of the sensor:



### 2.4.3 How can I harmonize an individual compilation of meridians?

The Rayocomp PS 1000 Polar, equipped with the module acupuncture with oscillations, provides a function, with which to harmonize an individual compilation of Meridian points.

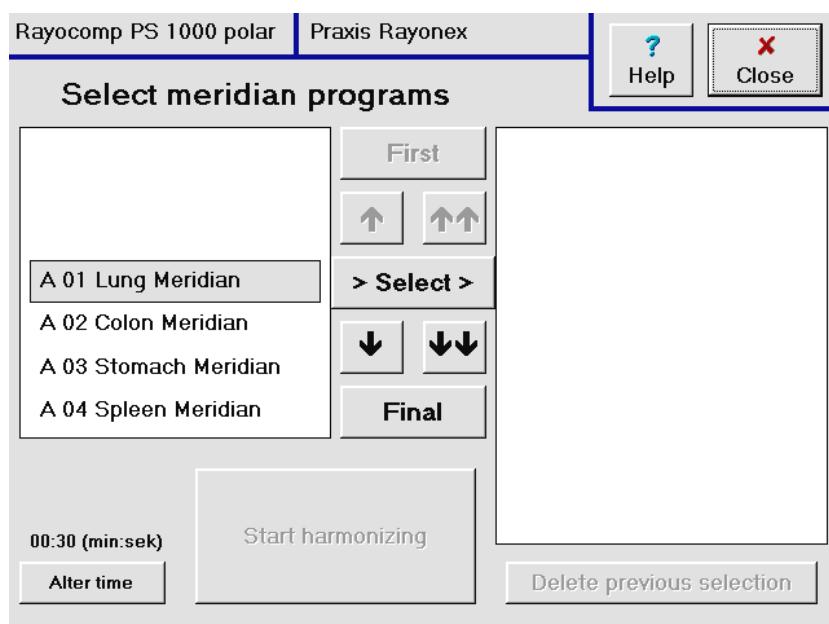
After you have pressed the key Bio-resonance according to Paul Schmidt in the main menu, please activate the key Acupuncture with oscillation. Then press the key marked with an arrow.



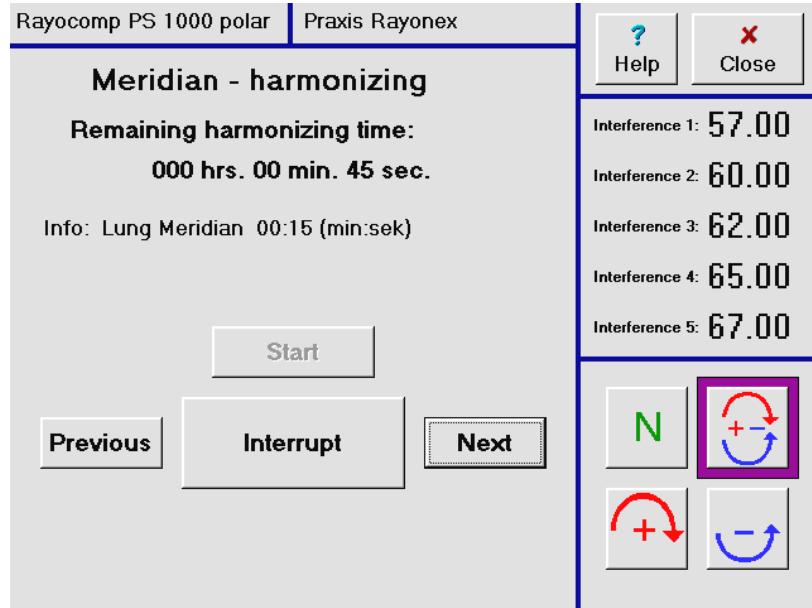
You reach a selection window, from which you can select the desired Meridian. Use the navigation keys for selection. Press the key Select, in order to take over the Meridian with the grey background into the right window. You can see all the selected Meridian points listed in the right window. If you want to assign single Meridian points to different harmonizing

times, this can be done with the help of the key Alter time, as shown on the bottom, left. For example, you want to assign a longer harmonizing period to the Meridian pair lung – colon than to the other Meridian pairs, this is a very simple process. If you have made an error when writing or simply selected the wrong Meridian, you can delete the previous selection with the key on the bottom right, Delete previous selection.

When all Meridians have been selected, please activate the key Start harmonizing.



Now you arrive in the harmonizing window. On the top, you can read the remaining harmonizing time. From the information line below, you can read, which Meridian is currently being harmonised. Press the **Start** key to begin with harmonising. If you should be testing while harmonising, you can use the keys **Previous** and **Next** to move forward and backward between the interferences and select the one you need.



Furthermore, you can alter the polarisation during the harmonizing process with the aid of the keys arranged on the bottom right. The standard setup is + / -.

You might want to interrupt the harmonizing process for some reason (perhaps the patient wants to go to the bathroom), simply press the **Interrupt** key. A window appears, which allows you to continue with harmonizing whenever you like.

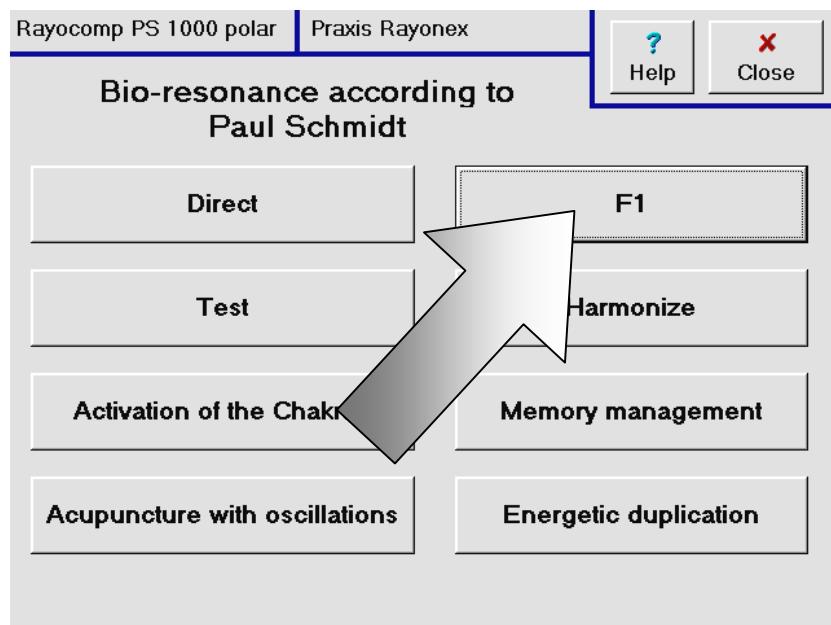
## 2.5 Questions concerning the secondary menu point "F1"

### 2.5.1 How can I compose an individual harmonizing program quickly, using the integrated programs (including sounds of nature and music, if the module is integrated)?

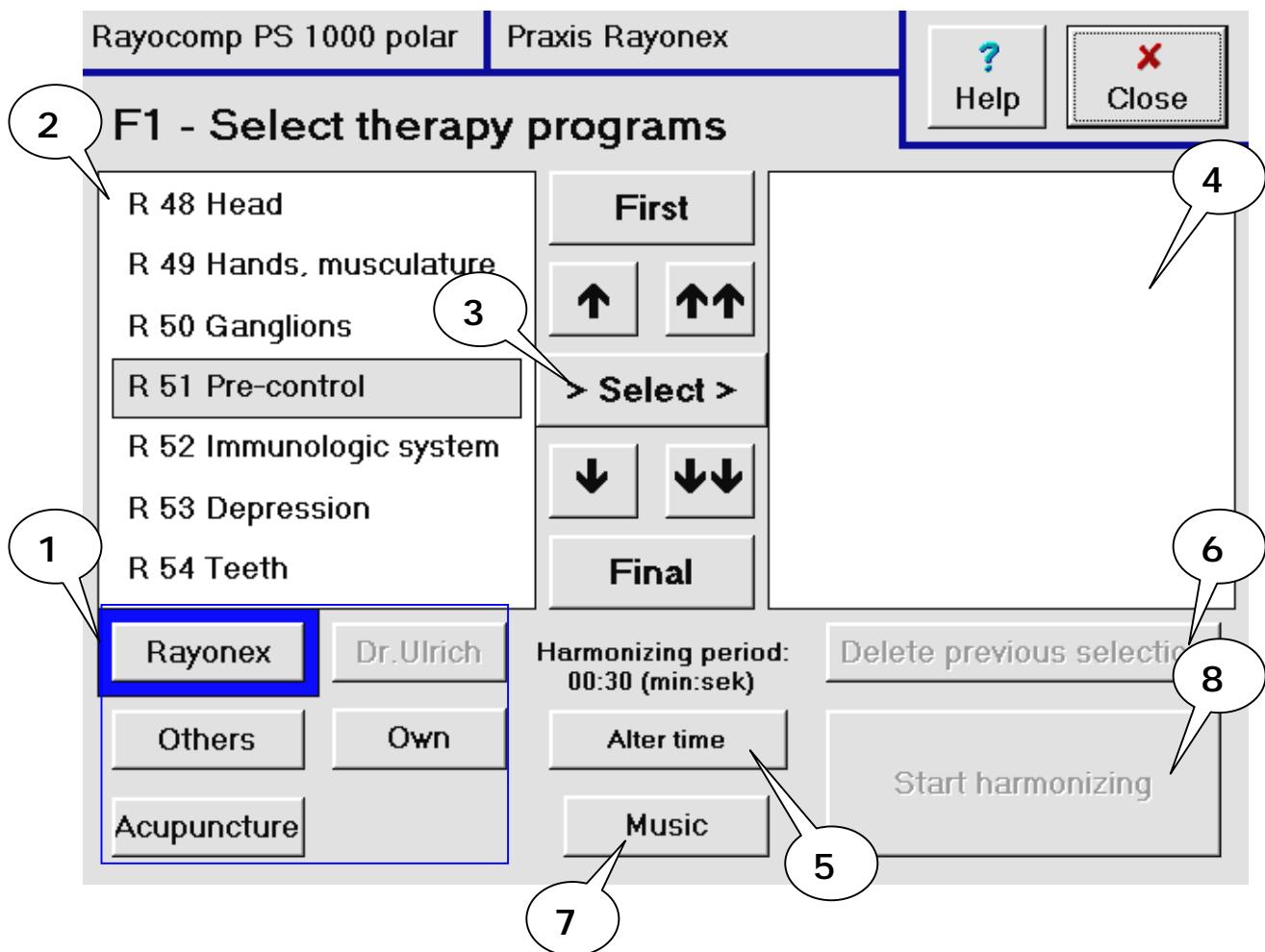
The Rayocomp PS 1000 Polar contains 54 integrated harmonizing programs of the Bio-resonance according to Paul Schmidt as a standard. Furthermore, you can integrate special programs, harmonizing programs according to Dr. med. Elmar Ulrich, acupuncture programs and own compilations per module.

Using the function F1, these programs can easily be arranged and harmonised.

After you have pressed the key **Bio-resonance according to Paul Schmidt** in the main menu, please activate the key **F1** marked with an arrow.

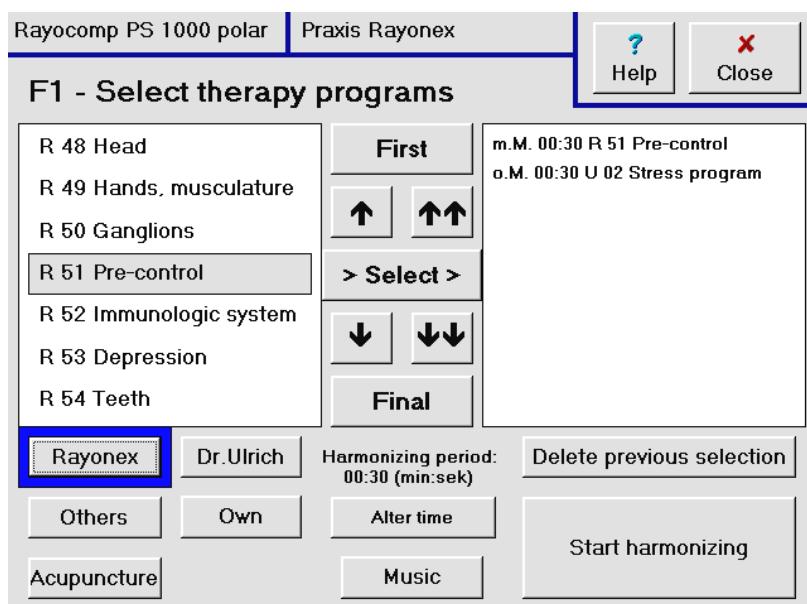


Then, the following page is displayed:



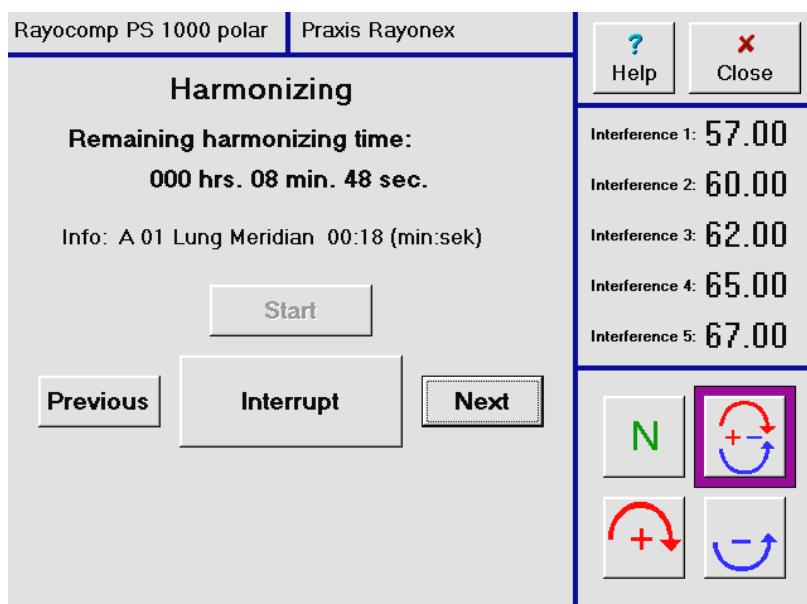
In the lower left image field (see caption 1) you can see an arrangement of keys, which can be used to make the integrated programs, i.e. Rayonex or acupuncture, appear in the display window (see caption 2). Use the navigation keys (placed in the centre of the two display windows) to select the desired program. Press the key **Select** (see caption 3), in order to take over the program with the grey background into the right window (see caption 4). You can see all the selected programs, clearly arranged, listed in the right window. The key **Alter time** (see caption 5) allows you to assign a different harmonizing time to each selected program. Example: you want to assign a longer harmonizing period to the program pre-control than to the other programs; this is very easy to realise with the Rayocomp PS 1000 Polar. If you have made an error when writing or simply selected the wrong program, you can delete the previous selection with the key on the bottom right, **Delete previous selection** (see caption 6). If your device is also equipped with the module Harmony with Music, you can determine, whether you want matching music titles played additionally with the 54 Rayonex programs. First press the key **Music** (caption 7) and then the **Select** key.

The pictures shows, that two programs have been selected. You can see the two programs in the right selection window. Read the following text in the first line: o.M. 00:30 R 51 Pre-control. o.M means, that the program will not be accompanied by music. If music would also have been selected beforehand, you would read the letters m.M: (with music). 00:30 means, that every interference value contained in the program will be harmonised for 00 minutes and 30 seconds. The R of R51 Pre-control stands for the Rayonex programs (U= Program according to Dr. med. Elmar Ulrich, S=Special program, E= Own program, A=Acupuncture program).



With the key **Start harmonizing**, you change over to the harmonizing window:

On the top, you can read the remaining harmonizing time. From the information line below, you can read, which program is currently being harmonised. Press the **Start** key to begin with harmonising. If you should be testing while harmonising, you can use the keys **Previous** and **Next** to move forward and backward between the interferences and select the one you need.



Furthermore, you can alter the polarisation during the harmonizing process with the aid of the keys arranged on the bottom right. The standard setup is + / -.

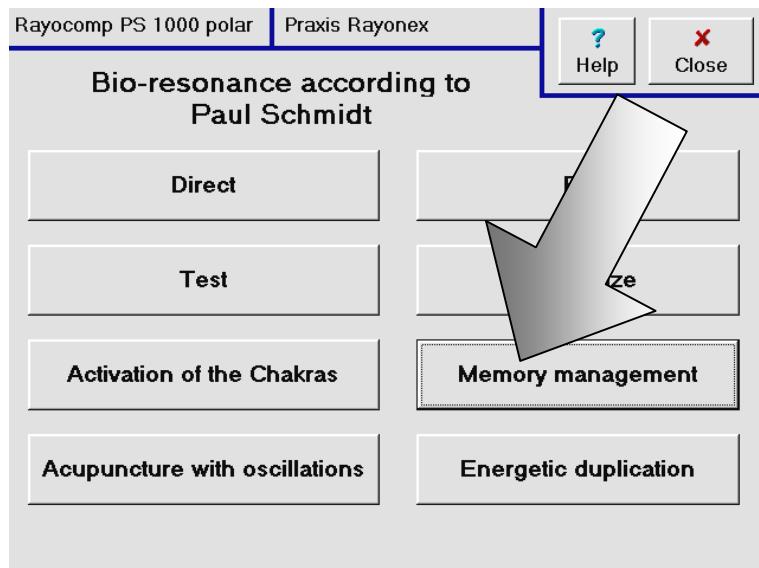
You might want to interrupt the harmonizing process for some reason (perhaps the patient wants to go to the bathroom); simply press the **Interrupt** key. A window appears, which allows you to continue with harmonizing whenever you like.

## 2.6 Questions concerning the secondary menu point -Memory management

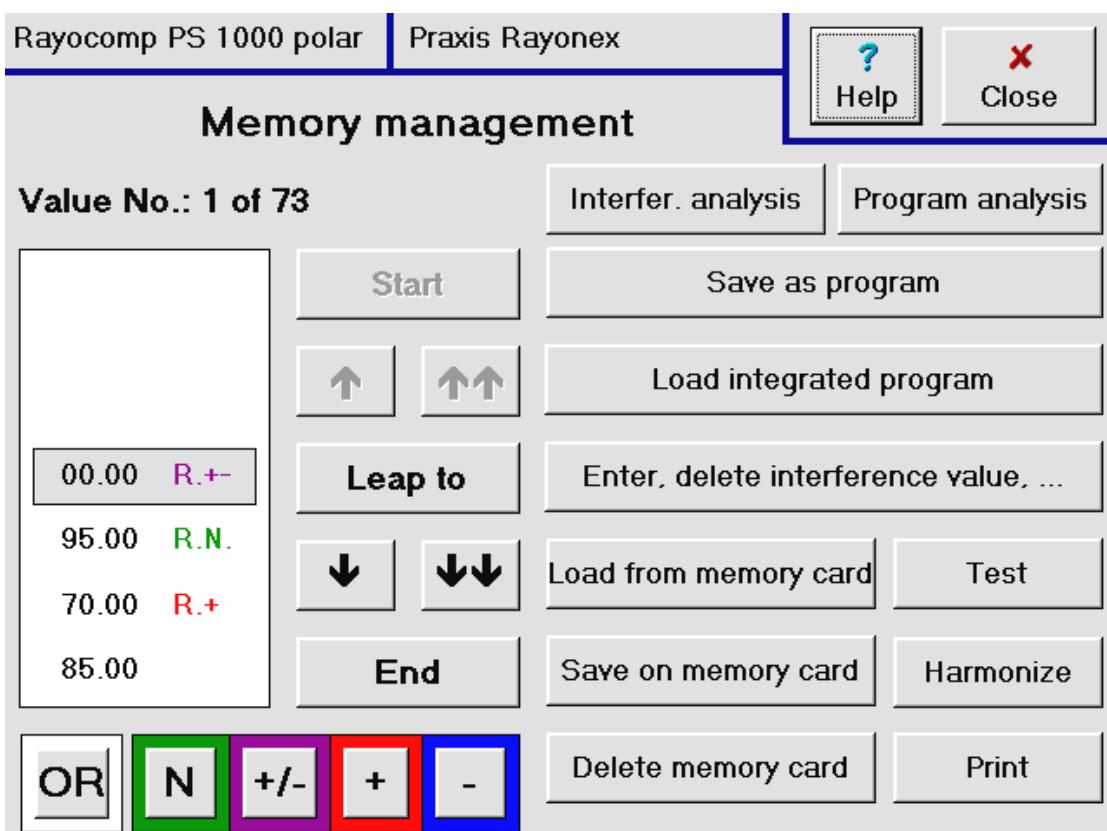
The menu point memory management offers innumerable possibilities for interference value compilations, analysing, saving on external memory cards, defining as own program etc.

The interferences compiled in the memory management can be called up for testing and harmonizing at any time later on.

It is easy to gain access to the memory management : in the main menu, press the key **Bio-resonance according to Paul Schmidt**, then activate the key marked with an arrow **Memory management**.

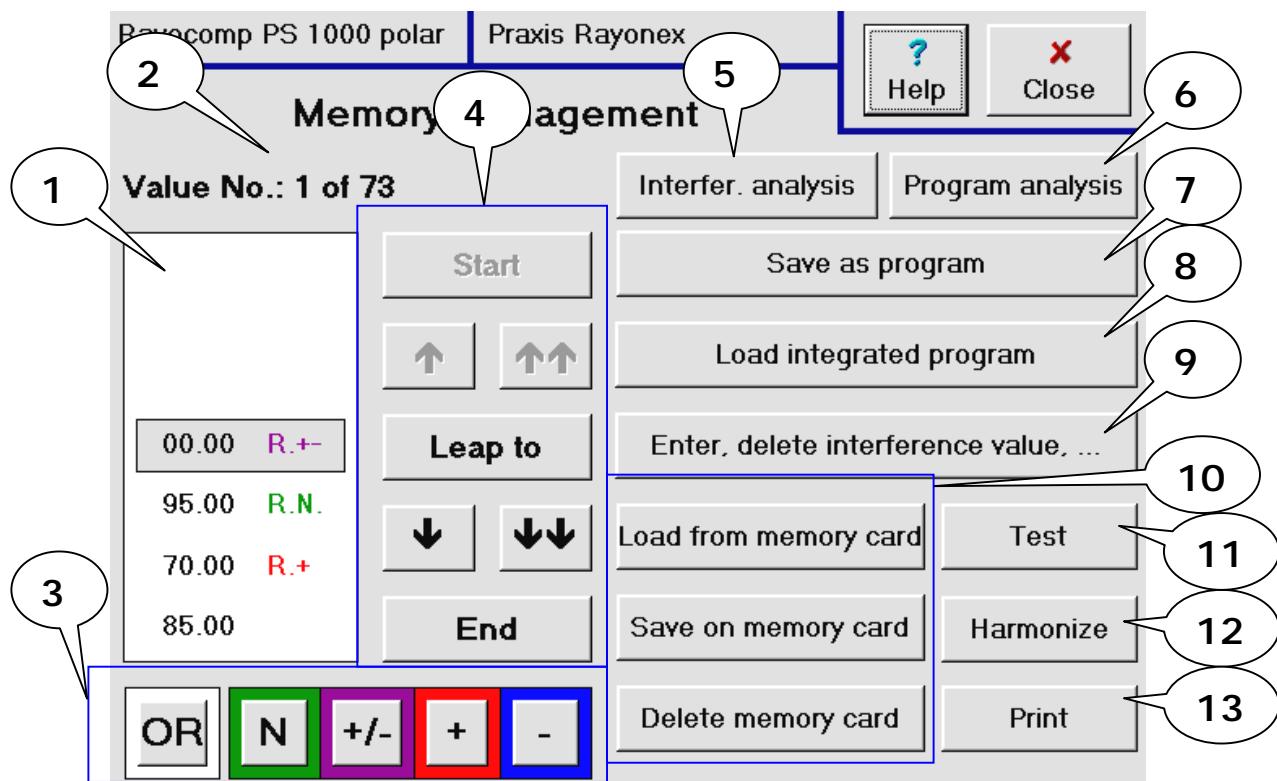


You have entered the window of the memory management .



### 2.6.1 What functions are available from the Memory management?

It is easy to gain access to the memory management : in the main menu, press the key **Bio-resonance according to Paul Schmidt**, then activate the key **Memory management**.



In the display window (caption 1) the values currently saved in the memory, taking the resonance selection key (caption 3) into account, are displayed. In this picture, all values are displayed, because all resonance selection keys have been selected. If you press the key OR (without resonance) in this situation, the values, which had no resonance, disappear, in other words, only the resonances of the active keys (**N, +/-, +, -**) are displayed.

Via display window (caption 2), you can see, which value is currently being displayed, and how many values are contained in the memory.

The navigation keys (caption 4) allow you to move around between the values in the memory and look in on them.

With the key **Interference analysis** (caption 5), you can look at the indications in co-relations to the values, which saves you the trouble of searching and comparing in indication lists.

The **Program analysis** (caption 6) orders the Rayocomp PS 1000 Polar to compare the values of the memory with those of the integrated programs. In this way, you can find out efficient programs for harmonizing.

The function of the key **Save as program** (caption 7) allows drawing up of your own harmonizing programs.

If you want to add an integrated program to the values in the memory, simply press the key: **Load integrated program** (caption 8).

If you want to delete single values, add values or remove double values, the key **Enter, delete interference value, ...** (caption 9) has the corresponding function in store for you.

In order to add values from an external memory card to the contents of the memory, or if you want to save the contents of the memory on a memory card, the functions required for these actions (caption 10) have been integrated. Here, you can also delete the memory card.

If you want to test the values saved in the memory, please press the key **Test** (caption 11).

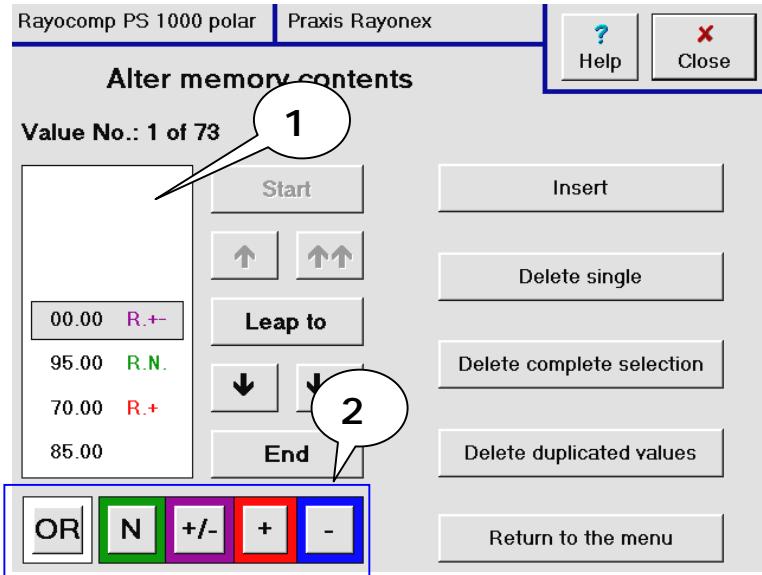
As soon as you activate the **Harmonize** key, you can carry out harmonization with the values in the memory (caption 12).

If you want to print the contents of the memory, please use the key **Print** (caption 13).

## 2.6.2 How can I enter single interference values into the memory, delete single values, delete the complete contents of the memory or delete double values from the memory?

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key Memory management and finally the key Enter, delete interference value, ... before applying the required functions.

The picture you can see on the right appears.



In the display window (caption 1) the values currently saved in the memory, taking the resonance selection key (caption 2) into account, are displayed. In this picture, all values are displayed, because all resonance selection keys have been selected. If you press the key OR (without resonance) in this situation, the values, which had no resonance, disappear, in other words, only the resonances of the active keys (**N**, **+/-**, **±**, **-**) are displayed. Use the navigation keys to move within the displayed interference values.

A further value can be added to the current position, if the key **Insert** is pressed. When this key is pressed, an entry window for an interference value appears.

Press the key **Delete single**, and the value displayed in the current display window with grey background is deleted, but not before you have confirmed your order, which is a safety measure to avoid accidental deleting.

With the key **Delete complete selection**, the complete memory can be deleted, as soon as you have confirmed your order.

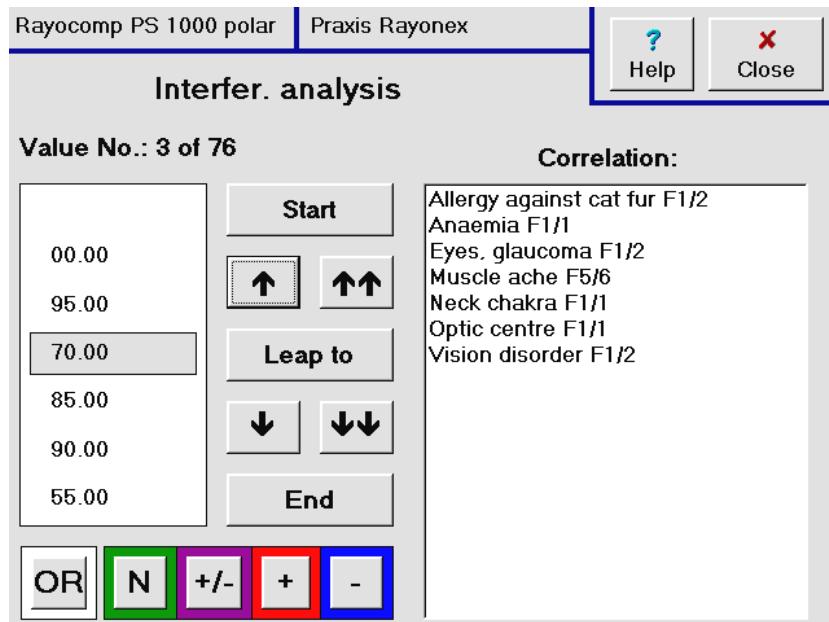
To delete double interference values from your memory, simply activate the key **Delete double values**.

The key **Return to the menu** brings you back to the standard display of the memory management .

### 2.6.3 How can I analyse the values of the memory concerning the correlating indications?

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Memory management** and finally the key **Interference analysis** before working with the required functions.

The picture you can see on the right appears.



For example, you have just tested with the range value test and have met with particularly strong blockades (+ and – resonances); now the interference analysis can help you to find out, which indications are concealed behind the discovered resonances and lead you towards a safe diagnostic. The right window shows up the indications correlated to the interference values with grey background in the left window. You may be interested in the correlations of the + and – resonances alone, then you can cancel the three resonance selection buttons OR, N and +/- on the lower left. Now the left window displays the + and – resonances alone. If you use the navigation keys to move between the displayed interference values now, you will see only the correlations of these resonances displayed on the right.

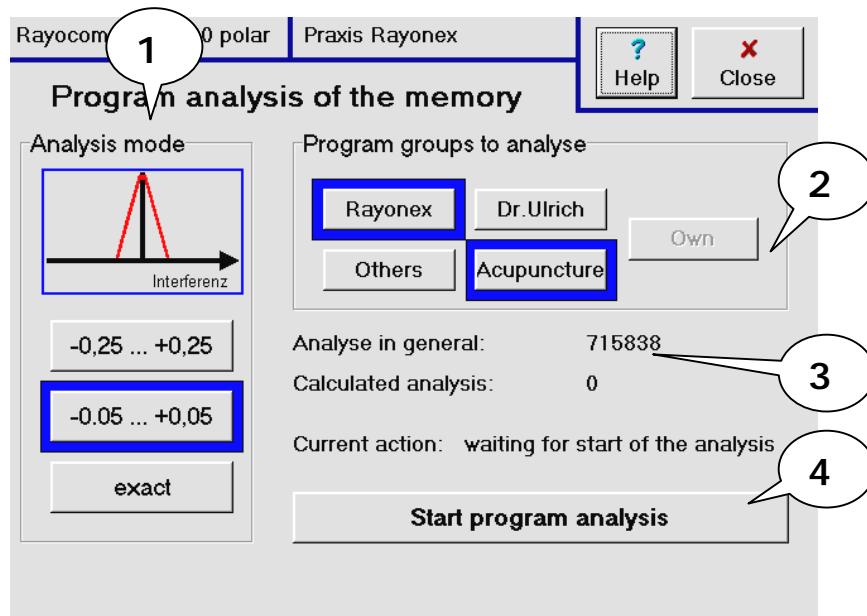
This function saves you the time-consuming search through the indication list to find the corresponding indications.

If you have already entered own interference values (see answer to question 7.2.4), these will, of course, also be displayed, if they match.

## 2.6.4 How can I find out, which of the integrated programs has the highest compatibility with the values in the memory, in order to receive a suggestion for harmonising?

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key Memory management and finally the key Program analysis before working with the required functions.

The picture you can see on the right appears.



The program analysis orders the Rayocomp PS 1000 Polar to compare the values of the memory with those of the integrated programs. In this way, you can find out efficient programs for harmonizing.

First you appoint the analysis mode (caption 1). The analysis mode determines the conditions of conformity. One analysis mode is "exact", which means, that only exactly conform interference values are acceptable. Because some of the detected resonance values have 'crooked' digits following the decimal point, i.e. 94.23, you can expand the conformity range with the analysis mode -0.05 .. +0.05. In the exact analysis mode, the value 94.23 would not be conform with the value 94.25. But in the analysis mode -0.05 .. +0.05, it would. When analysing bacteria, parasites and viruses, the exact analysis mode is not suitable for gaining further information. Here, the other two modes are called for.

After determining the analysis mode, you can now choose the program group (Rayonex, Dr. med. Elmar Ulrich, others, Acupuncture, own programs), with which you want to compare the memory values (see caption 2). Simply press the required keys.

In caption 3, the number of analyses, which have to be carried out, is displayed for your information. Depending on the amount of values in the memory, the number of analyses may be larger than one million.

With the key Start program analysis, the analysis can commence.

It takes the Rayocomp PS 1000 Polar approximately 30 seconds for the calculation.

Finally, the results of the analysis can be seen in the display:

The screenshot shows a software window titled "Rayocomp PS 1000 polar" and "Praxis Rayonex". The main title is "Program analysis of the memory". There are two buttons on the right: "Help" with a question mark icon and "Close" with a red X icon. Below the title, a section header says "Results of the analysis:". A table lists seven programs with their names, variances, and the number of same values.

Current Name of program	Variance	same val.
Nr. 1: R 51 Pre-control	1000	073
Nr. 2: R 02 Nervous system	0876	064
Nr. 3: R 52 Immunologic system	0863	063
Nr. 4: R 53 Depression	0849	062
Nr. 5: R 54 Teeth	0808	059
Nr. 6: R 18 Oesophagus	0742	026
Nr. 7: R 09 Tongue	0730	019

The seven programs with the highest variances are displayed. Higher variance means more similarity between the program and the contents of the memory. The ideal case: the program has the same number of memory values, and all interferences are in accordance (then the variance is larger or equals 1000).

In the last column, the number of conform values is displayed for your information.

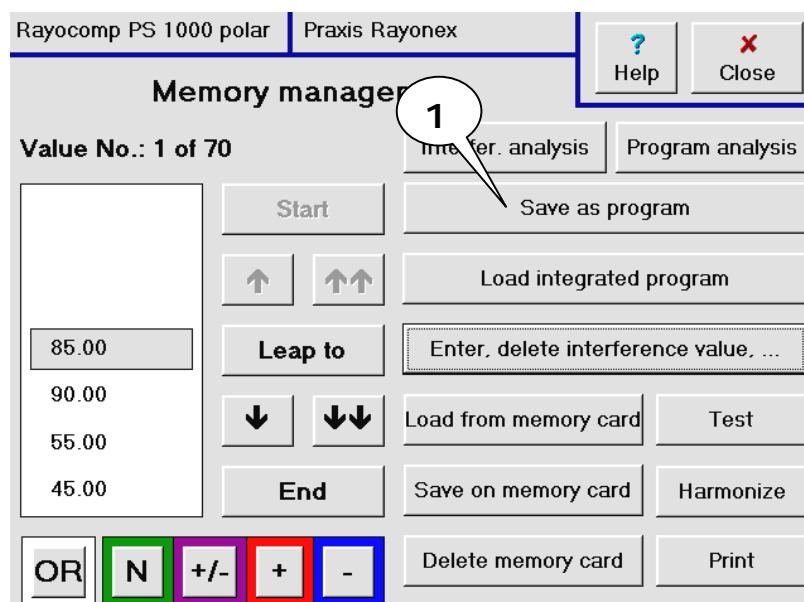
## 2.6.5 How can I transform the contents of the memory into an own, permanently integrated program?

With the Rayocomp PS 1000 Polar, you are able to store your own programs. Just like the 54 existing Rayonex programs, you can call them up with F1 and also use them for program analysis.

An own program is drawn up by preparing the memory contents (enter, delete, add etc.) and storing these values, while giving an own program name at the same time.

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Memory management** to perform the required functions.

The picture you can see on the right appears.



Now edit the contents of your memory. When the contents of the memory are in accordance with your requirements, you can press the key **Save as program** (caption 1). Now, you are prompted to enter a program name.

From now on, you can always call up your own program.

### Important information:

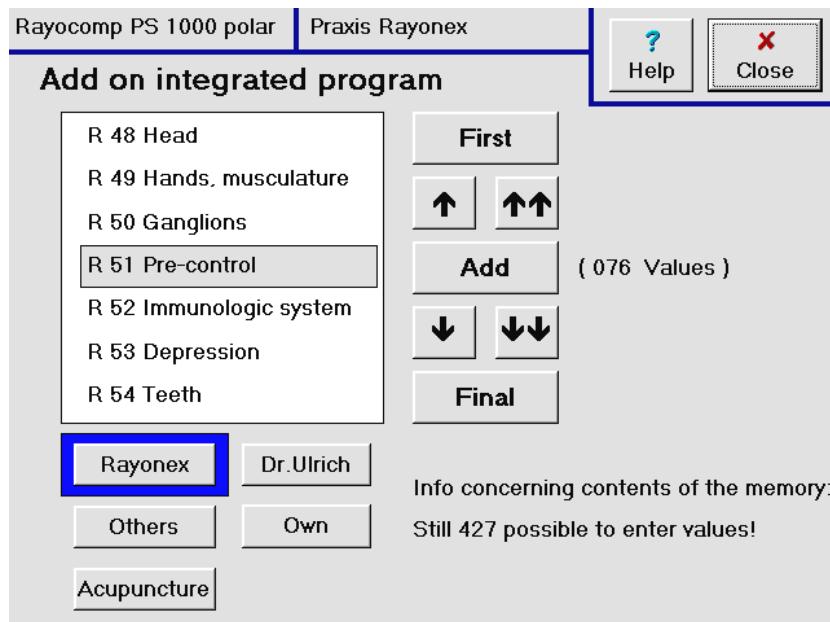
You have to be very sure about the values you want in the own program, and which name you want to give it, because neither the values nor the name can be altered or deleted later on. The reason for this is the patient history. If it were possible to delete such an own program, the references given in the patient history might lead to nowhere.

## 2.6.6 How can I add an integrated program to the memory contents?

You can add single values as well as the values from the integrated programs to the memory contents. Here is a description of the last mentioned:

You must select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Memory management** and finally the key **Load integrated program** before you can work with the required functions.

The picture you can see on the right appears.



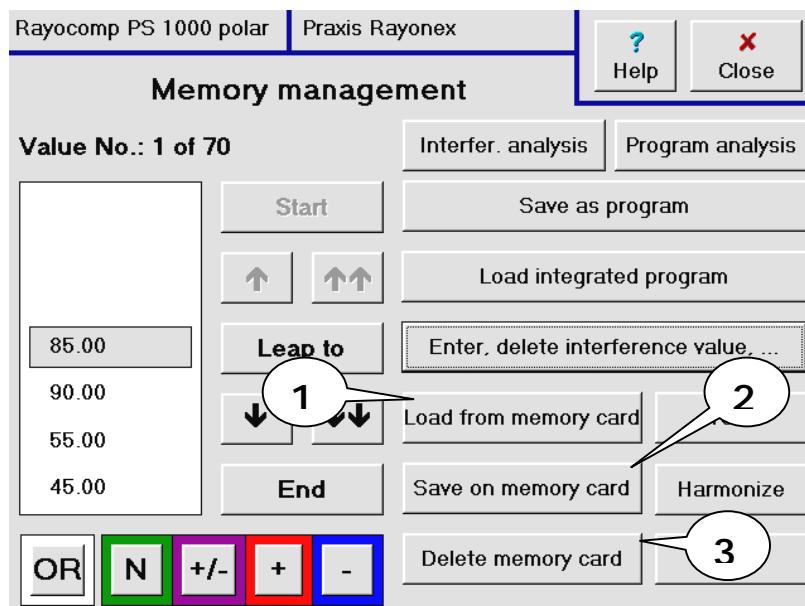
On the bottom, left, you can select the required program group. With the navigation keys, move to the program you want to add to the memory, and then press the key **Add**. Below, on the right, you will receive information on the number of values, which can be added to the memory. Behind the key **Add**, the number of values of the currently selected program is written.

## 2.6.7 How can I add the values of an external memory card to the contents of the memory, and how can I delete a memory card and save the contents of the memory on the empty memory card?

With the use of external memory cards, the Rayocomp PS 1000 Polar remains very flexible. For example, you can generate a harmonizing program for a patient, which he can use at home with a Rayocomp PS 100. Furthermore, the memory cards are excellent external memories for programs.

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Memory management** to perform the required functions.

The picture you can see on the right appears.



If you want to enter the values of the memory card into the memory, you insert the memory card into the memory card insert and press the key **Load from memory card** (caption 1). The values are then transmitted to the memory.

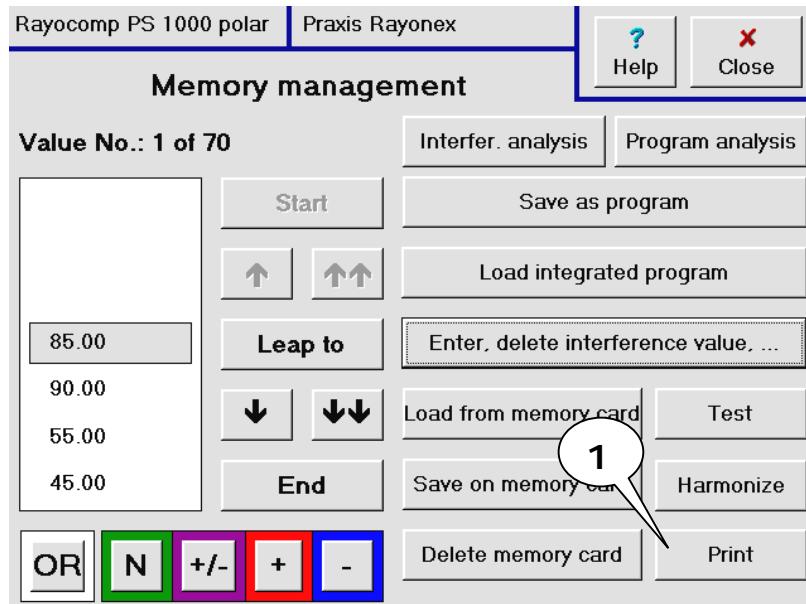
If you want to transfer the contents of the memory onto a memory card, please push the memory card into the insert. If you want to delete the values of the memory card first, please use the key **Delete memory card** (caption 3). After this, the values of the memory can be transferred to the memory card by using the key **Save on memory card** (caption 2).

## 2.6.8 How can the values of the memory contents be printed?

The Rayocomp PS 1000 Polar is set to a certain printer type by the manufacturer. If you prefer a different printer type, a Rayonex technician or the technical department of Rayonex can alter the setup.

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Memory management** to perform the required functions.

The picture you can see on the right appears.



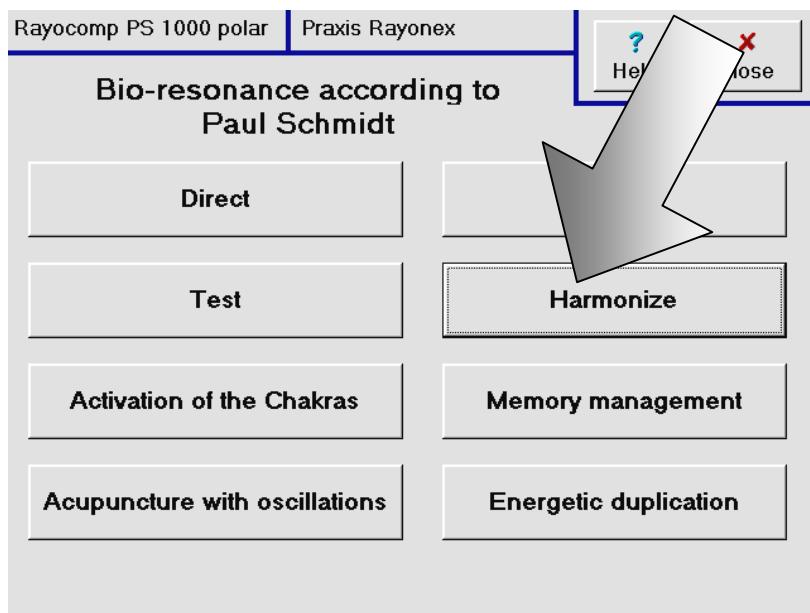
The contents of the memory are printed, when you press the key **Print** (caption 1). Make sure beforehand, that your printer is switched on and actually connected to your Rayocomp PS 1000 Polar.

Now you receive a print of the memory contents.

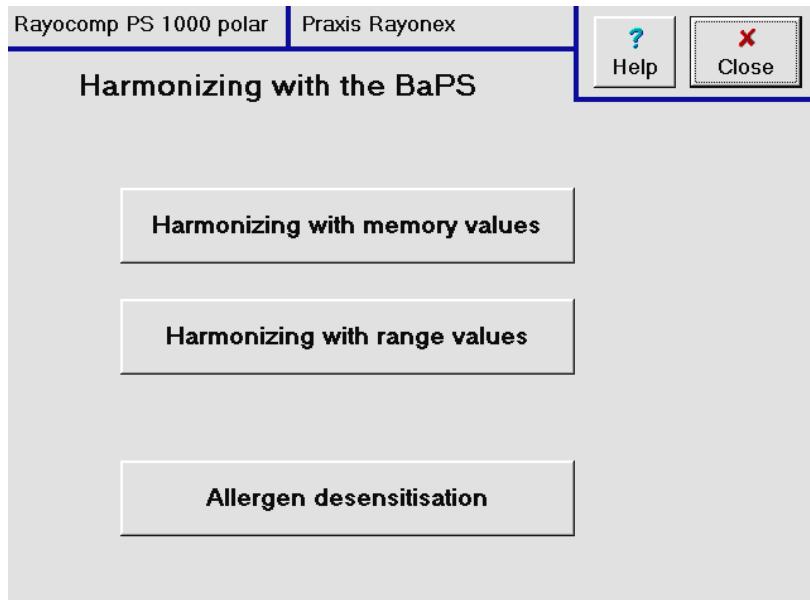
## 2.7 Questions concerning the secondary menu point "Harmonize"

The menu point Harmonization provides you with several harmonizing methods. For one, you can harmonize with the values of the memory, a further possibility is harmonizing with range values. Allergen desensitising is also possible with this menu point.

It is easy to gain access to the menu point Harmonize: in the main menu, press the key **Bio-resonance according to Paul Schmidt**, then activate the key marked with an arrow **Harmonize**.



Now, you have entered the selection window of Harmonize.

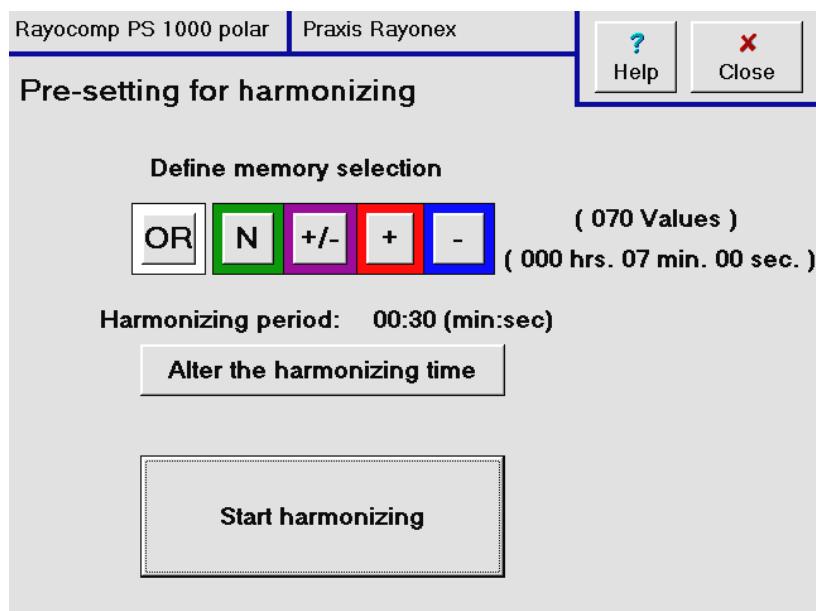


### 2.7.1 How do I harmonize the interference values of the memory?

With this function, the values in the memory can be harmonised.

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Harmonization** and finally the key **Harmonization with memory values** before working with the required functions.

The picture you can see on the right appears.

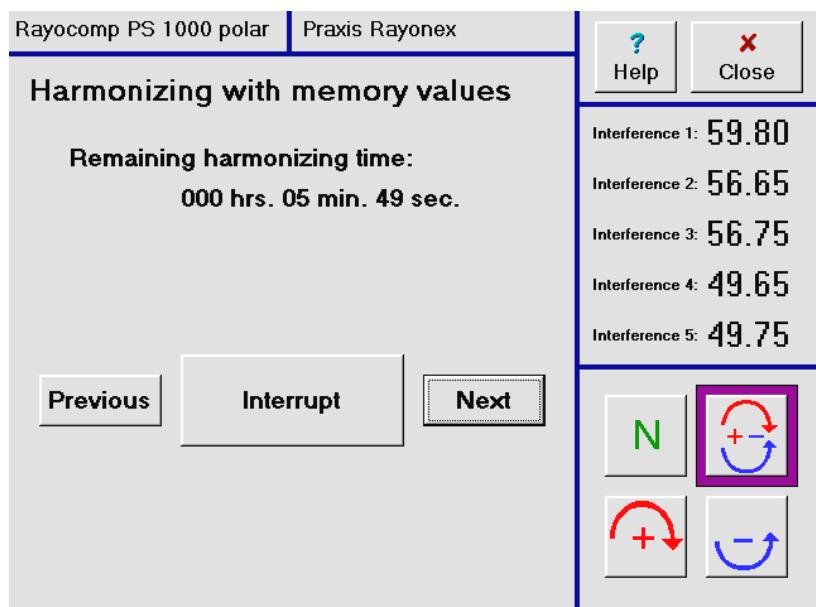


Here you can pre-set certain details for harmonization. You can decide, which resonance values you want to harmonise. For example, you only want to harmonize the + and – resonances; you press the keys **OR**, **N** and **+/–**, and only the resonance values + and – remain. For your information, the number of values for harmonization, in accordance with your selection, is displayed on the right side.

You can also determine the time required for harmonization.

With the key **Start harmonizing**, you change over to the harmonizing window:

The **Interrupt** key allows you to make a pause during harmonization (i.e. to allow your patient to visit the bathroom). You can use the keys **Previous** and **Next** to move to the five previous or next values (this can also be done with the button of the sensor). The polariser adjusts itself automatically, according to the resonances.

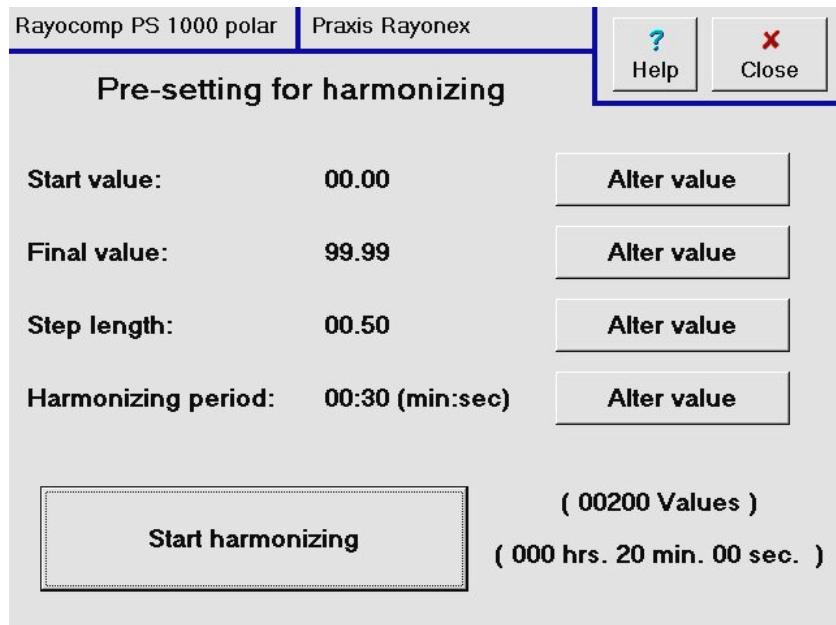


## 2.7.2 How can I harmonize with the interferences of a certain range (with start value, final value and step length)?

This function is very suitable for activating the physiological resonances. A certain range is pre-set, and with defined step lengths, the resonances are passed on to the patient.

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key Harmonization and finally the key Harmonization with range values before working with the required functions.

The picture you can see on the right appears.

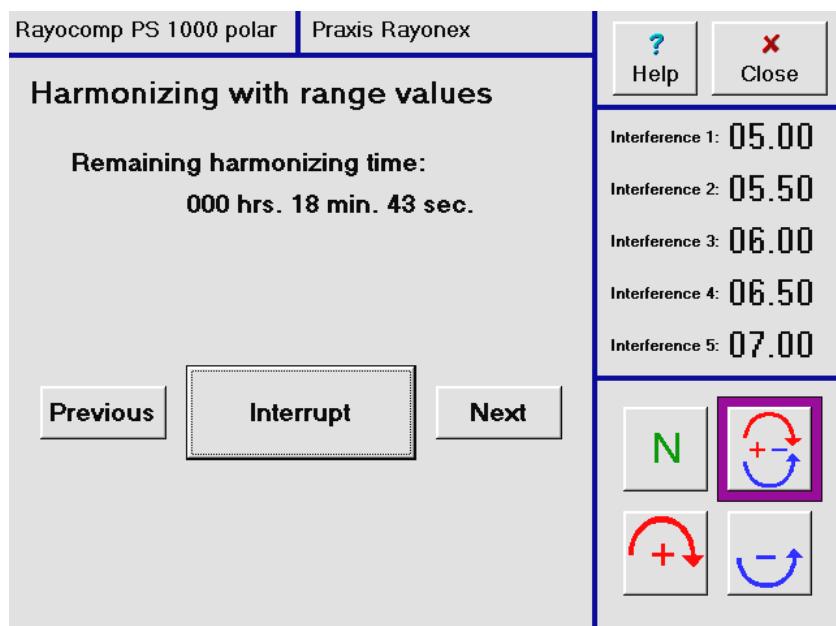


Now you can enter the starting value, the final value, the step length and the harmonizing time by pressing the corresponding key Alter.

With the key Start harmonizing, you change over to the harmonizing window:

The Interrupt key allows you to make a pause during harmonization (i.e. to allow your patient to visit the bathroom). You can use the keys Previous and Next to move to the five previous or next values (this can also be done with the button of the sensor).

The polariser is set to +/- as a standard for this type of harmonization.



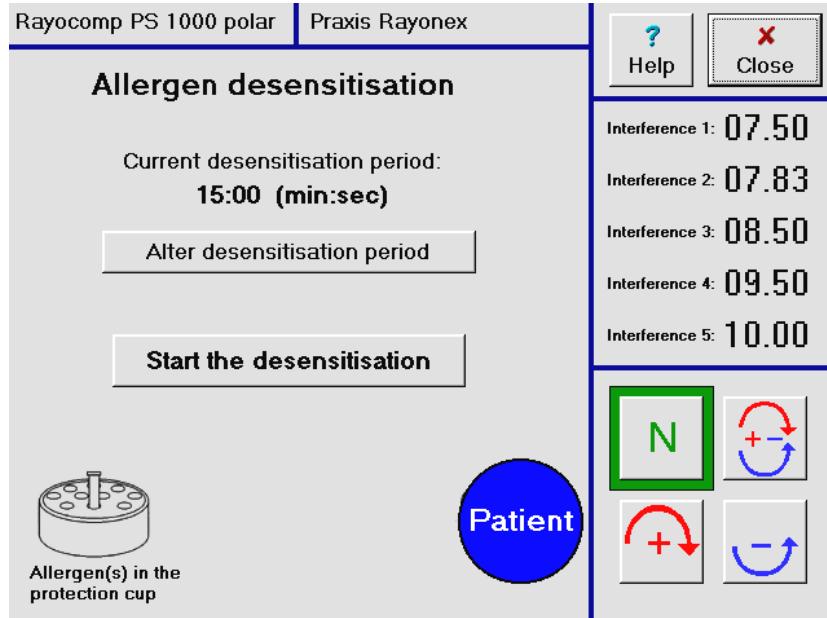
### 2.7.3 How can I carry out an allergen desensitisation?

The Rayocomp PS 1000 Polar supports allergen tests and desensitisation extraordinarily well. A protection cup can be found on the front left side of the Rayocomp, in which you can place the tested allergens in ampoules, without letting them get in touch with the oscillation pattern of other allergens or those of the patient, which would certainly falsify them.

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Harmonization** and finally the key **Allergen desensitisation** before working with the required functions.

The picture you can see on the right appears.

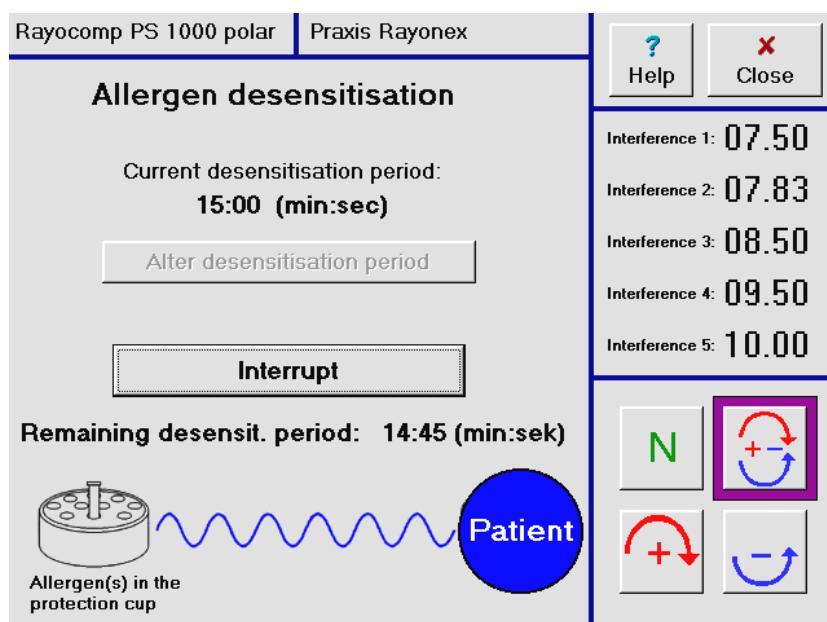
Now you can enter the desensitisation time. It is pre-set to 15 minutes. Note, that desensitisation may take up to one hour, depending on the circumstances. Place the allergens required for desensitisation into the protection cup.



With the key **Start desensitisation**, you change over to the harmonizing window:

The **Interrupt** key allows you to make a pause during harmonization (i.e. to allow your patient to visit the bathroom).

Desensitisations are performed with the polariser set to +/- as a standard.



The allergens are desensitised, if you switch over the polariser to N and the sensor verges into a rotation. If the sensor does not show a rotating motion, please switch over to +/- again and repeat the test some time later.

## 2.8 Questions concerning the secondary menu point "Energetic duplication"

### 2.8.1 How can I carry out energetic duplication of substances?

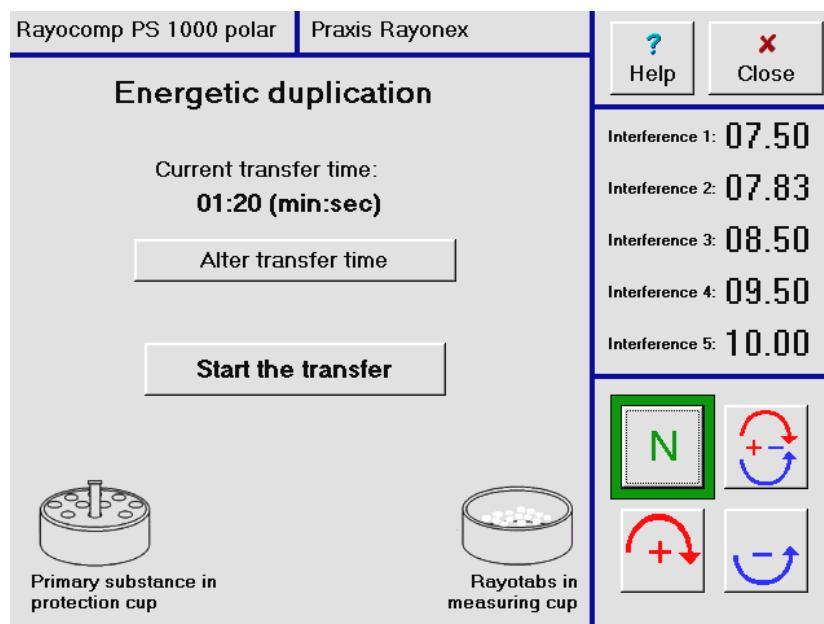
With the Rayocomp PS 1000 Polar, you can transfer the oscillation pattern of a substance to another carrier medium, i.e. Rayotabs.

**Please regard, that it is prohibited to produce an energetic duplicate and assign healing properties to this. Therefore, you must never pass on energised Rayotabs bearing a label which suggests, the tabs may have healing properties.**

Select the Bio-resonance according to Paul Schmidt in the main menu, then press the key **Energetic duplication** to perform the required functions.

The picture you can see on the right appears.

Now you can enter the transfer time. It is preset to 1 minute and 20 seconds.

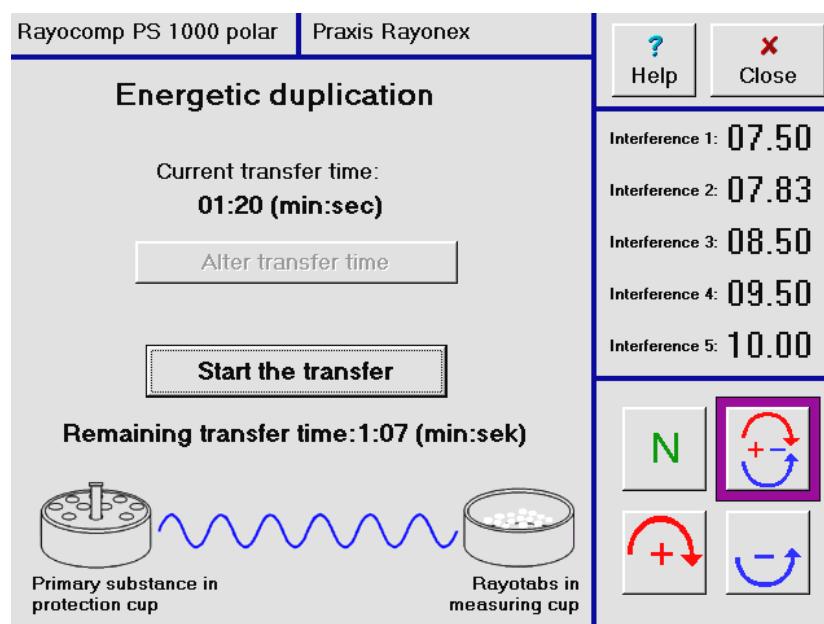


Place the original substance into the protection cup and the Rayotabs into the measuring cup (on the front, right of the Rayocomp PS 1000 Polar).

With the key **Start the transfer**, the energetic duplication can commence.

Energising is performed with the polariser set to +/- as a standard.

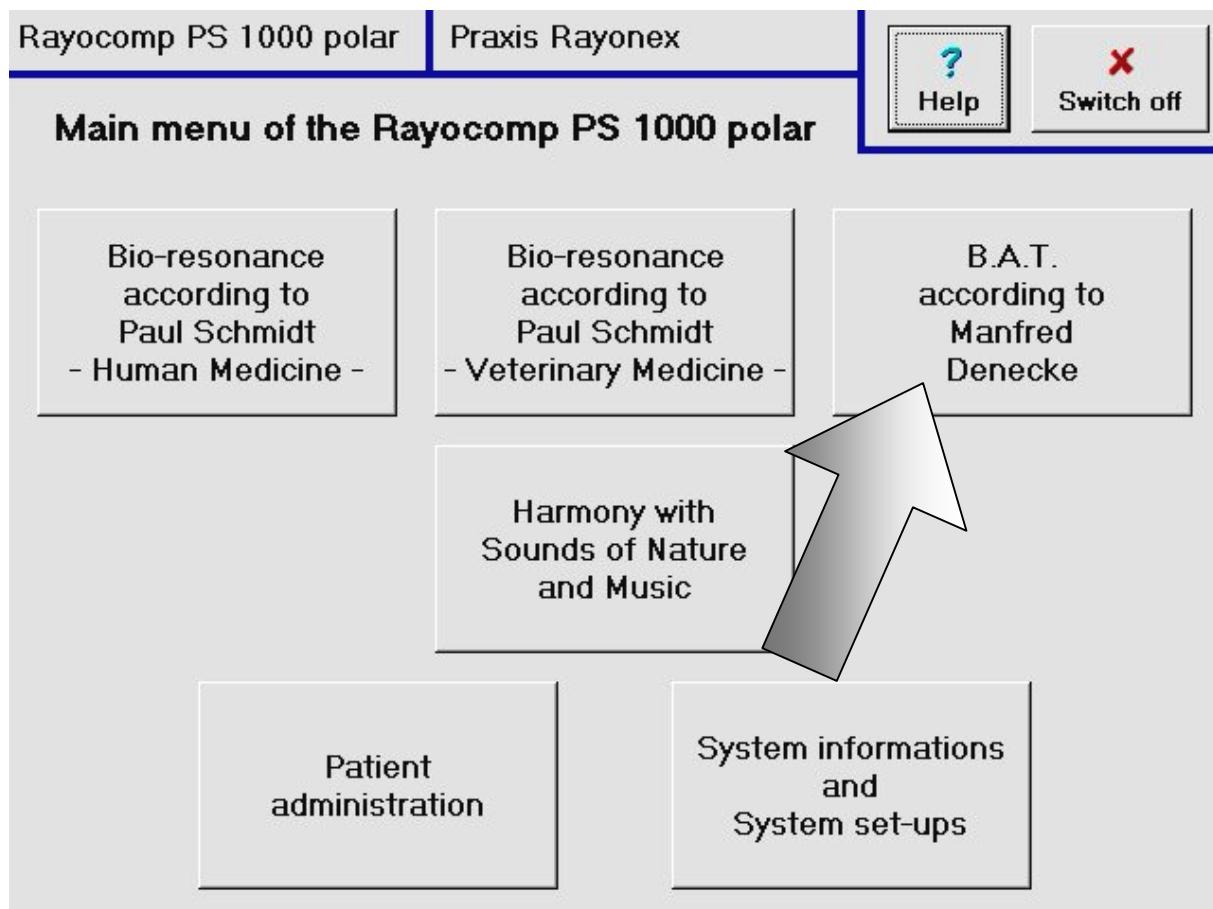
Energised Rayotabs may lose their impressed oscillation patterns, if they are exposed to strong sources of disturbance from outside, like E-smog,



geopathy etc. Therefore, energised Rayotabs should be consumed within a period of 14 days.

### 3. The Module Bioenergetics according to Manfred Denecke – Questions

The questions concerning this module relate to the key of the main menu marked with an arrow:



**Note:** We would like to point out, that this module does not belong to the basic equipment delivered with the Rayocomp PS 1000 Polar. Of course, you can only call up this function, if the module is integrated in your device! Item 7.1.4 informs you, how to look into the integrated modules in the Rayocomp PS 1000 Polar.

Please regard, that this module can be leased only. Automatic program updates belong to the leasing bulk. You can only obtain the module after having participated in an eight-days seminar.

### **3.1 What are the special features of the Rayocomp PS 1000 Polar module Bioenergetics according to Manfred Denecke?**

The specific Bio-resonance method, newly developed in recent years by the bio-analyst Manfred Denecke, is based on the development and identification of complex frequency compositions of the body-own, physiological, organ-specific and cell-own information structures and a novel transfer method of these frequency compositions to the bio-energetic system of the organism.

The system allows an extensive and deep-acting disturbance field analysis, which can indicate, more than any orthodox or alternative diagnostic, the real down-to-the-core causes of health disturbance in the bio-energetic regulation system of the organism. The results of the disturbance field analyses form the pre-conditions for a deep-acting therapy relating to the causes, which offers a complex solution to health problems, especially with the new development of body-own frequency compositions. The practical application in more than 25,000 therapy sessions until now shows a highly improved therapy success, in comparison to the purely symptom-orientated therapy attempts of orthodox as well as of alternative medicine.

This special analysis and therapy method can be integrated in the bio-resonance device Rayocomp PS 1000 Polar with a module.

The module is able to carry out a basic bio-energetic test, it can also compose an individual program for the organism, selecting from more than 550 different programs. Parallel to these program compositions, the integrated music titles with sounds of nature can be used, a combination, which triggers off synergistic effects.

### **3.2 What are the conditions, or what kind of schooling is necessary, before I can apply Bioenergetics according to Manfred Denecke with my Rayocomp PS 1000 Polar?**

#### **1. Training courses:**

If the therapy program is supposed to be applied with success, special training courses are required beforehand.

First of all, training is concerned with the consolidation of the Radiesthetic abilities of the participants in the field of bioresonance, a pre-condition for the successful application of the method. Also, the basic structure of the method, the functioning mode and the divergence to other bioenergetic therapy methods is discussed.

Beside this basic knowledge, the participants are trained in practical works, like carrying out a basic test with evaluation and analysis of the results using a standardised evaluation method. Planning and working out the therapy resulting from the analysis is explained in detail and with the help of concrete examples. Extensive and practice-orientated training of the participants also belongs to the schooling.

When training has been completed, the participants receive a certificate, authorising them to apply the new therapy method independently in their own practice, using the Rayocomp PS 1000 polar.

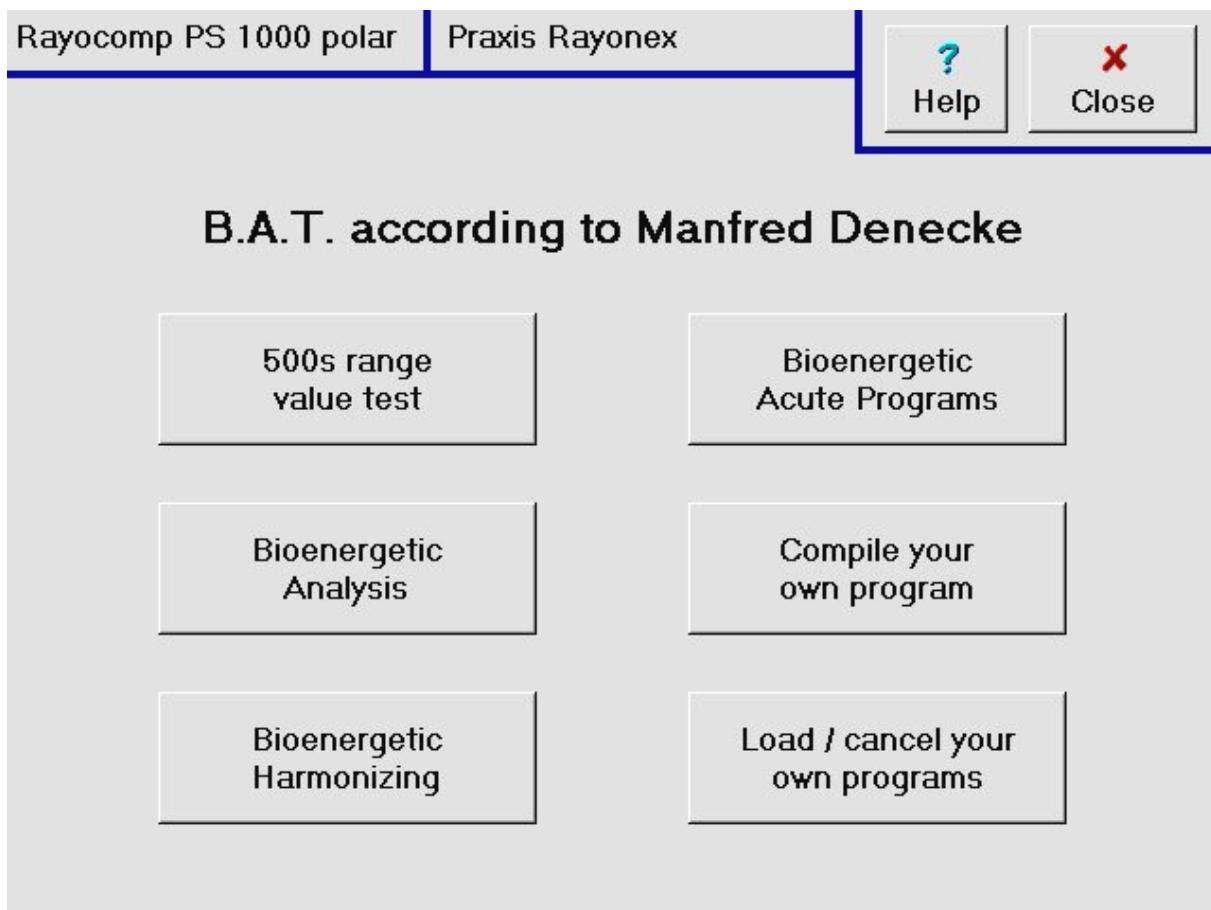
#### **Integration of the module Bioenergetics according to Manfred Denecke in the Rayocomp PS 1000 Polar**

The system Bioenergetics according to Manfred Denecke is permanently being further developed. The module cannot be purchased, only rented. The new programs resulting from further development are sent to you automatically.

A program update integrates the module.

### 3.3 What are the functions made available for the Rayocomp PS 1000 Polar by the module Bioenergetics according to Manfred Denecke?

If the module Bioenergetics according to Manfred Denecke is integrated in your Rayocomp PS 1000 Polar, you will see the following picture on your screen, as soon as you have pressed the key Bioenergetics according to Manfred Denecke in the main menu.



Caption 1: 500s range value test

The 500s range value test is a special variation of the already known range value test and serves the determination of the total energetic condition when applying Bioenergetics according to Manfred Denecke. It is carried out within the bounds of the initial bio-energetic diagnostic.

## Caption 2: Bioenergetic Analysis

Bioenergetic analysis in the Bioenergetics module according to Manfred Denecke is a compilation of the frequency compositions, which are most important to test. The test contains external disturbance factors, like E-smog or geopathy, as well as all the important tests on bacteria and viruses. Heavy metal pollution and further environmental factors can also be checked.

## Caption 3: Bioenergetic Harmonization

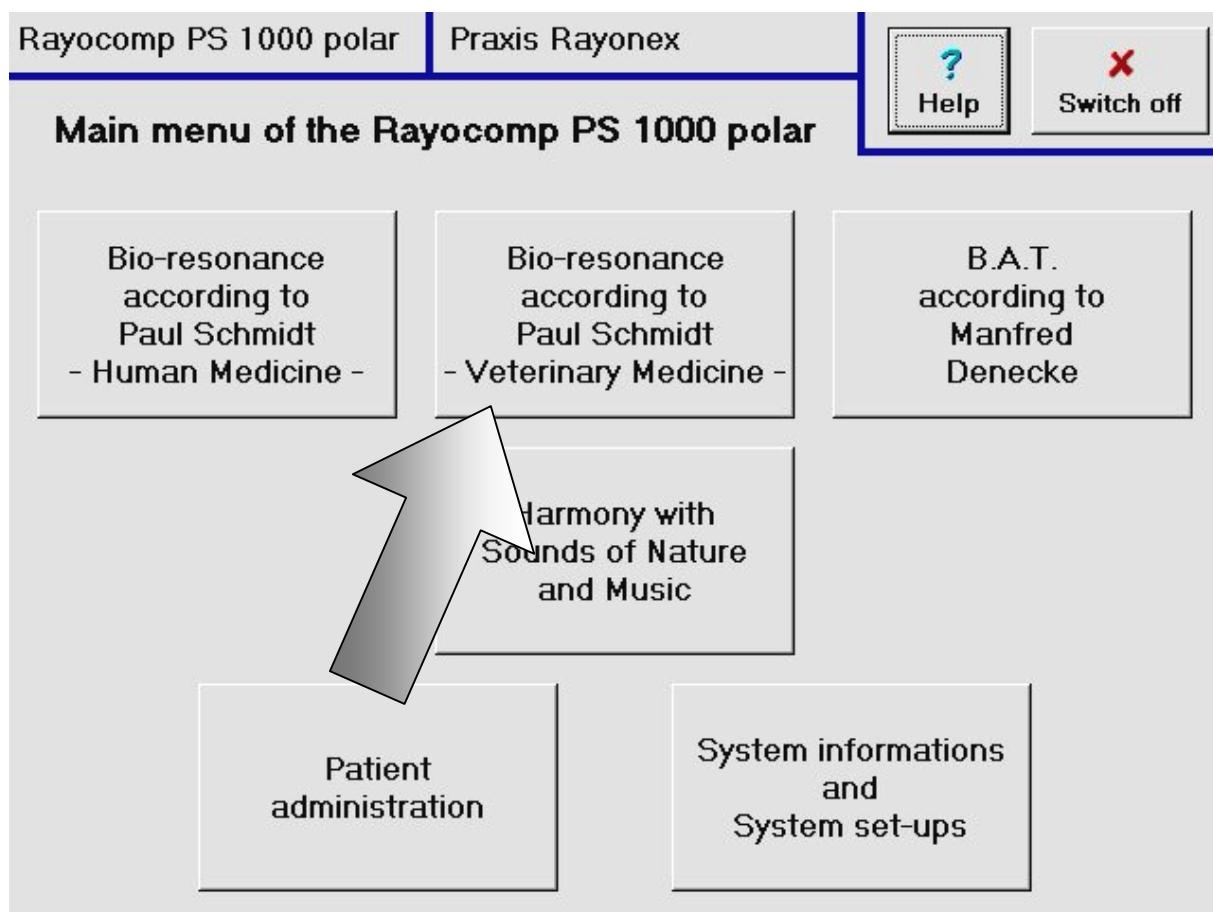
In this secondary menu point of Bioenergetics according to Manfred Denecke, you can compile programs using more than 550 frequency compositions. Via special memory medium, all frequency compositions (they can be as many as 8,000 single values) are transferred to the organism of the patient with the help of special transfer values and the Bio-resonance according to Paul Schmidt.

## Caption 4: Bioenergetic Acupuncture

This secondary menu point provides compilations of different frequency compositions, which have proved their value many times before. There is, for example, a compilation for the dehydration of the body. During harmonization, matching music titles for stimulating the dehydrating organs run along, helping to achieve a synergistic effect.

#### 4. Questions concerning the Bio-Resonance according to Paul Schmidt - Veterinary Medicine -

The question concerning this module relates to the key of the main menu marked with an arrow:



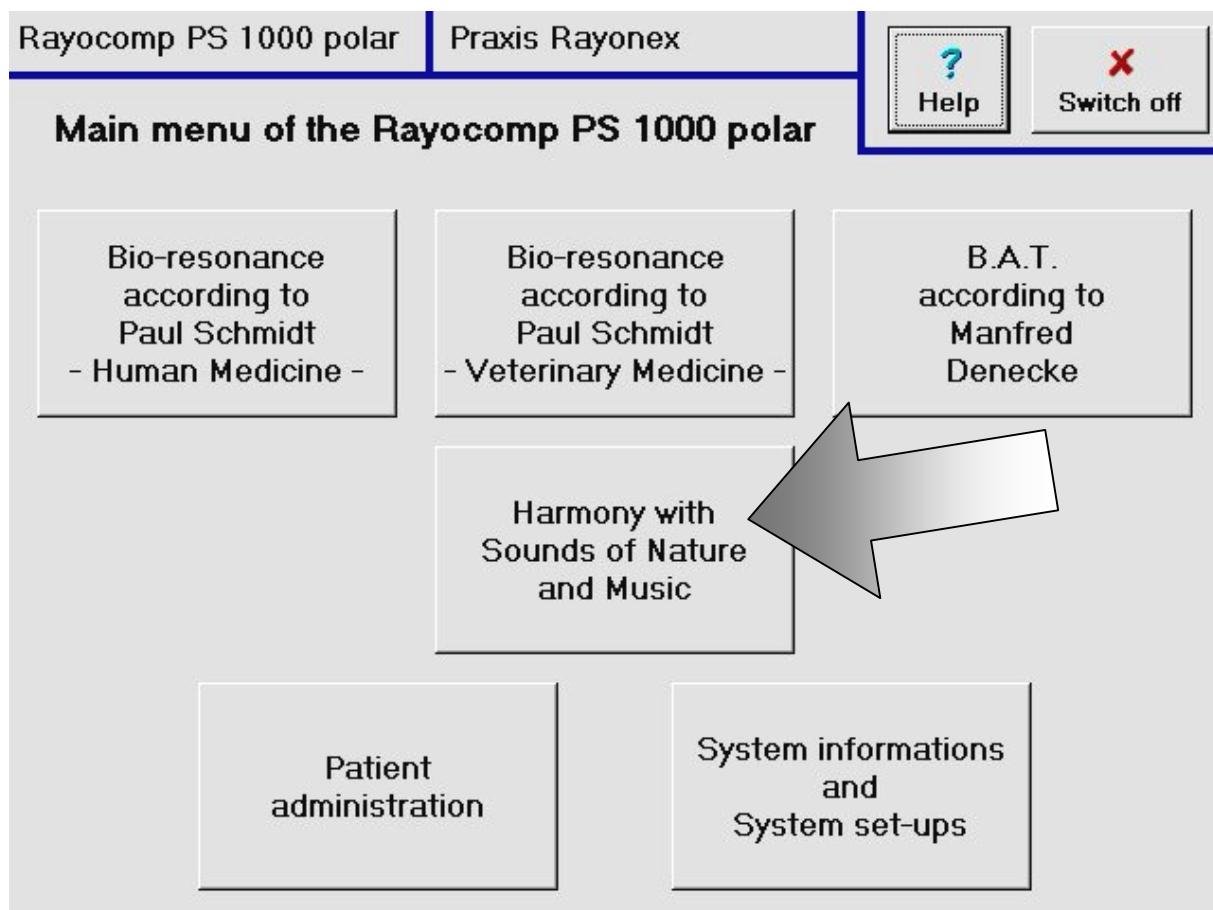
**Note:** We would like to point out, that this module does not belong to the basic equipment delivered with the Rayocomp PS 1000 Polar, it is not available in this program version yet.

##### 4.1 What will be possible with the module „Bio-Resonance according to Paul Schmidt – Veterinary Medicine“, available in the near future?

This module will offer you test and harmonising programs, specially designed for veterinary application. Single fundamental frequency values, compilations of the Meridian courses, test grids and many others will be available for horses, dogs and cats.

## 5. Harmony with Sounds of Nature and Music

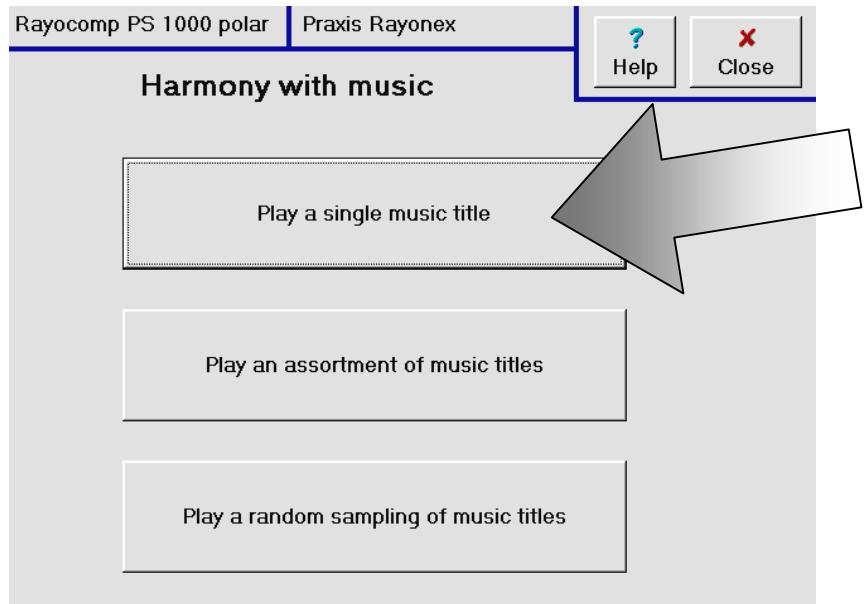
The questions in this chapter relate to the key of the main menu marked with an arrow:



Note: We would like to point out, that this module does not belong to the basic equipment delivered with the Rayocomp PS 1000 Polar. Of course, you can only call up this function, if the module is integrated in your device! Item 7.1.4 informs you, how to look into the integrated modules in the Rayocomp PS 1000 Polar.

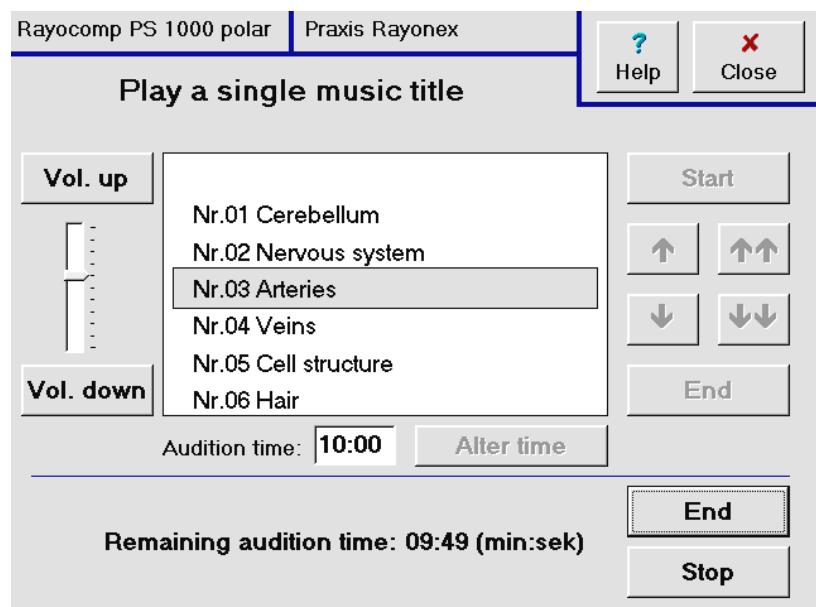
## 5.1 How can I play a single music title?

After you have pressed the key **Harmony with sounds of nature and music** in the main menu, please activate the key marked with an arrow.



Now you can take a look at the selection menu and select the desired music title with the help of the keys on the right. You can choose between 54 different music titles, each corresponding with a certain system range of the human being. Each music title is a composition of natural sounds and classical music. Titles containing only sounds of nature can be found at the end of the list.

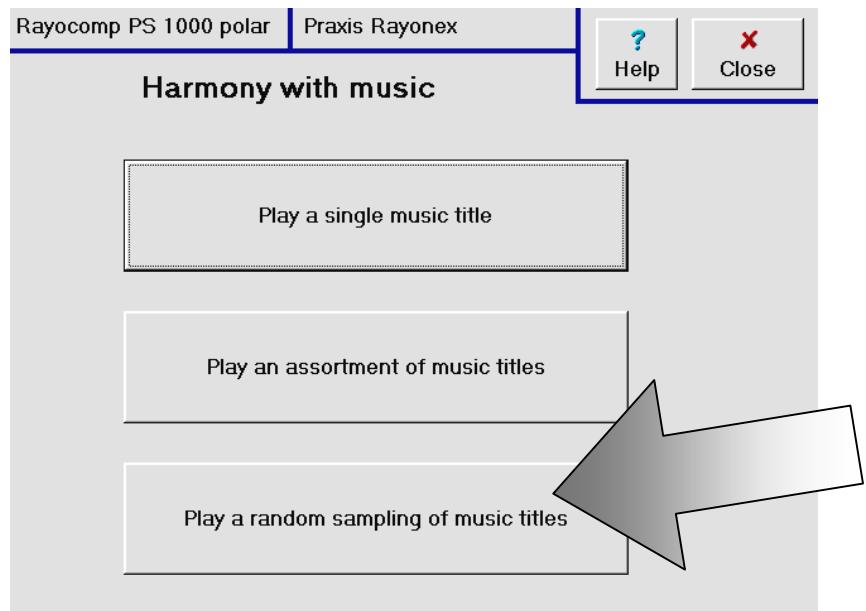
The keys **Vol. up** and **Vol. down** are used for regulating the sound level individually. The key **Alter time** is for determining the length of time the music is needed. Please start the music by pressing the key **Play**. If the headphones are not connected, the music can be heard from the loudspeakers integrated in the device.



When the key **Play** has been pressed, the remaining time is displayed. You can interrupt the music by pressing **Stop** and carry on again with the **Continue** key. The key **End** stops the music, before the title has been completely played.

## 5.2 How can I play a series of music at random?

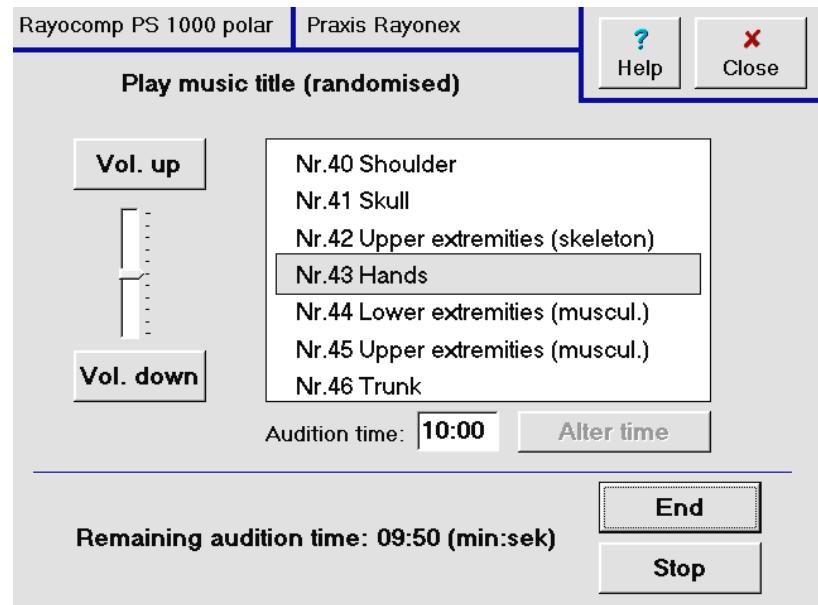
After you have pressed the key **Harmony with sounds of nature and music** in the main menu, please activate the key marked with an arrow.



The Rayocomp PS 1000 Polar has an exit for a hi-fi system at the back, so you can take the opportunity of playing classical music mixed with sounds of nature in your practice, for instance in the waiting room. This is a frequent request, and can be fulfilled with this function.

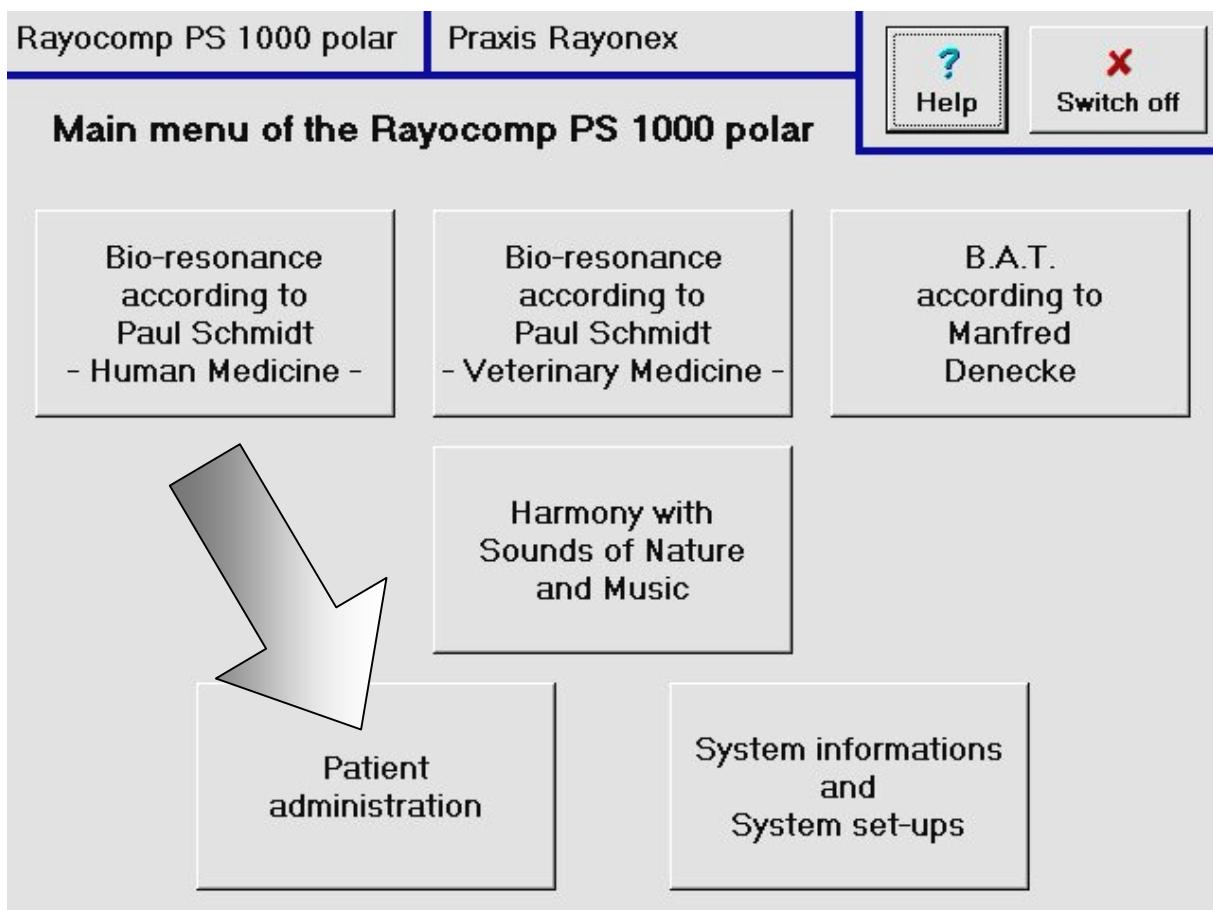
Press the key **Play a Random sampling of music titles** and enter the length of time desired. After you have pressed the key **Play**, the Rayocomp PS 1000 Polar plays a random selection of titles in the set time.

The keys **Vol. up** and **Vol. down** are used for regulating the sound level individually.



## 6. Patient administration – Questions

The questions in this chapter relate to the key of the main menu marked with an arrow:



**Note:** A patient administration with room for up to 10 patients belongs to the basic delivery volume of the Rayocomp PS 1000 polar. You can only administrate more patients, if the corresponding module is integrated in the device. Item 7.1.4 informs you, how to look into the integrated modules in the Rayocomp PS 1000 Polar.

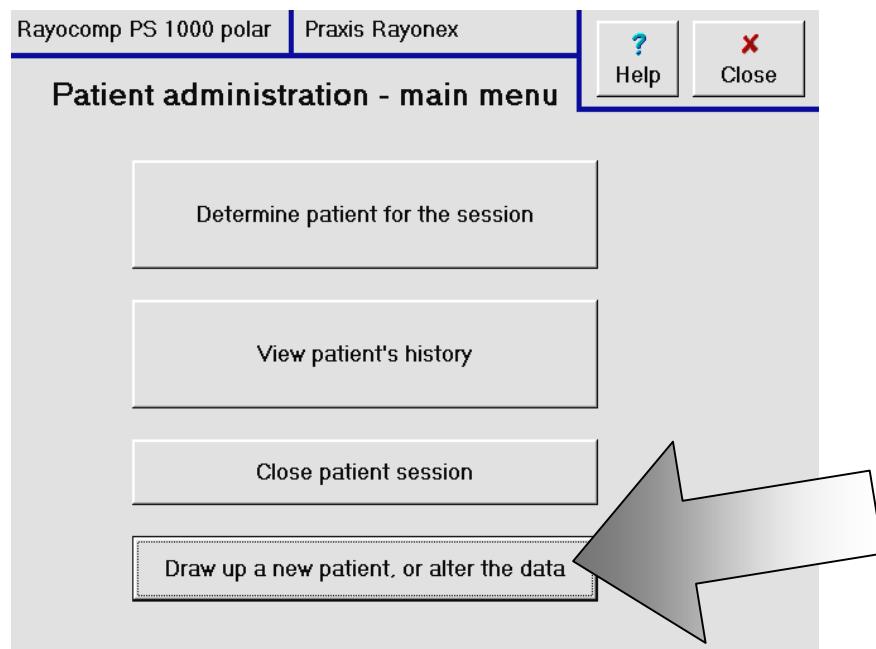
## 6.1 What are the advantages of the patient administration in the Rayocomp PS 1000 Polar?

One of the outstanding new possibilities of the Rayocomp PS 1000 polar is the new patient administration. You can simply look into older sessions, analyse and repeat them, if this seems promising.

The aim of the patient administration integrated in the Rayocomp PS 1000 Polar is to simplify the working cycles of the therapist. First of all, the patient for the session is determined. If this patient doesn't have his own file in the database of the device yet, it can be drawn up very easily (please regard the explanation of these functions in 6.2, 6.3 and 6.4). If the file is already existent, the Rayocomp PS 1000 Polar uses it to store all information concerning harmonization and testing carried out with the selected patient. As soon as the session with the patient is over, you pass this information on to the device by pressing a key (see 6.5). Before the patient arrives for the next appointment, you can take a look at the previous treatment. If the patient tells you, that the previous harmonization with integrated music has given him a feeling of well-being, you can even repeat the treatment directly from the patient history. Another example: in the past session, you have tested the patient and found the specific resonances accompanying geopathic disturbances. You treated the patient with the integrated program for geopathic disturbance and gave him the advice to use a biological field configurator (i.e. Duplex). Now you can call up the determined resonance values directly from the patient history and investigate by retesting, whether the measures have already been successful. This is definitely a great advantage for the course of your practice.

## 6.2 How can I draw up a new patient in the patient administration of the Rayocomp PS 1000 Polar?

After you have pressed the key **Patient administration** in the main menu, please activate the key marked with an arrow.



Then, the following page is displayed. In order to draw up a new patient file, please press the key marked with an arrow.

The screenshot shows the 'Patient administration' screen. On the left, there are input fields for Patient No.: 11-2003-0001, Gender: male (checked), female (unchecked), First name: Hans, Surname: Mustermann, Date of birth: 01.01.1951, Street: Musterstrasse5, Zip-code: 12345, and Town: Hannover. On the right, there is a vertical list of actions: first patient, next patient, previous patient, last patient, Draw up a new patient (highlighted with a blue border), Alter patient data, Store patient data, and Delete patient data. A large grey arrow points to the 'Draw up a new patient' option.

The entry window for a new patient can now be seen on the screen.

**Patient administration**

**Patient No.:** 11-2003-0002 **alter** 1

**Gender:**  male  female

**First name:**  **alter**

**Surname:**  **alter**

**Date of birth:**  **alter**

**Street:**  **alter**

**Zip-code:**  **alter**

**Town:**  **alter**

**Info: Patient 1 of 1 (Still 9 free)**

? ×  
first patient  
next patient  
previous patient  
last patient  
Draw up a new patient  
Alter patient data 2  
Store patient data 3  
Delete patient data

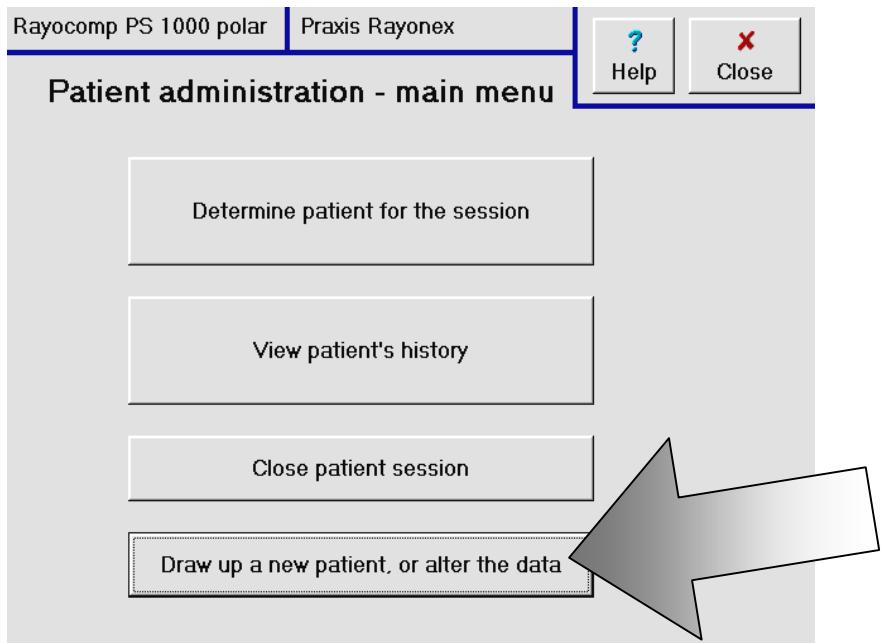
The patient number is entered automatically. It consists of the month, the year and a continuous number, which is available only once. The key Alter behind this number (see caption 1) allows you to alter the patient number individually. Enter the gender by touching the little boxes or the text "male" or "female". Now enter first name, surname, date of birth, street, zip code and place by always pressing the Alter key and entering the text in the appearing window.

As soon as all patient data have been entered, please activate the key Store patient data (see caption 2).

The lower left margin of the monitor displays the number of files left for storing patient data.

### 6.3 How can I alter, i.e., the address of a patient in the Rayocomp PS 1000 Polar?

After you have pressed the key Patient administration in the main menu, please activate the key marked with an arrow.



Then, the following page is displayed. If you want to change the patient data, use the key marked with an arrow Alter patient data.

Patient No.:	11-2003-0001	first patient
Gender:	<input checked="" type="checkbox"/> male <input type="checkbox"/> female	next patient
First name:	Hans	previous patient
Surname:	Mustermann	last patient
Date of birth:	01.01.1951	Draw up a new patient
Street:	Musterstrasse5	Alter patient data
Zip-code:	12345	Store patient data
Town:	Hannover	Delete patient data

**Info: Patient 1 of 1 (Still 9 free)**

The edit window will appear, showing the patient data previously entered.

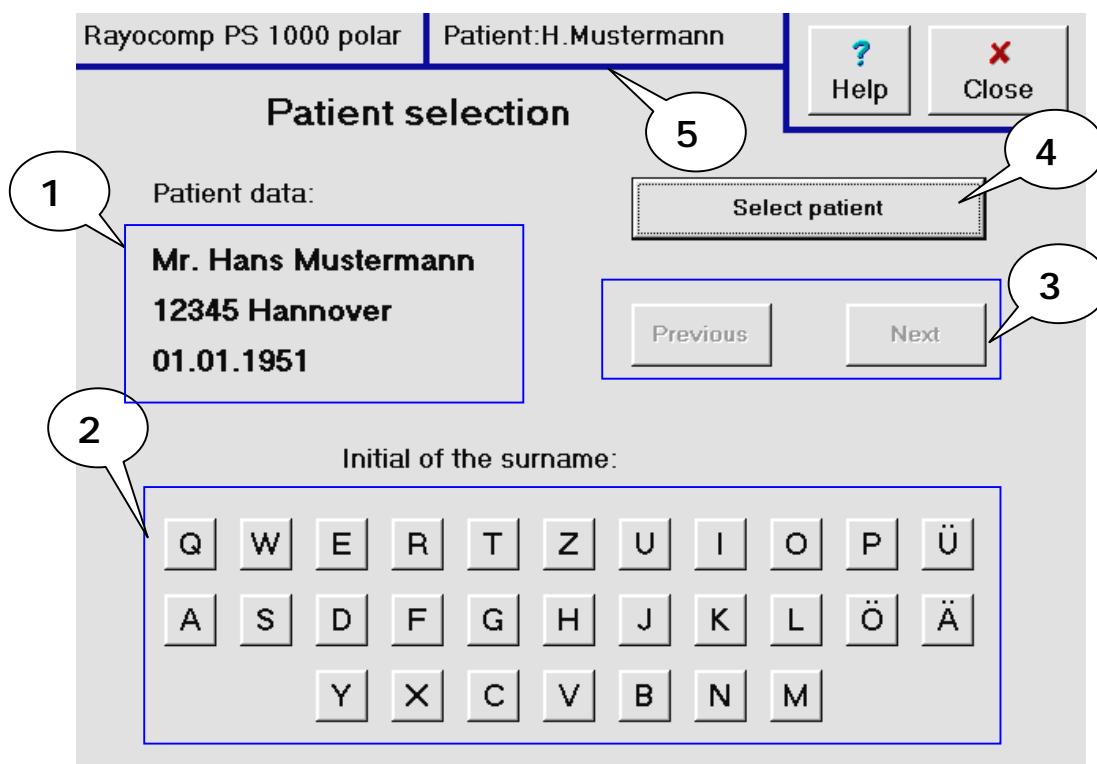
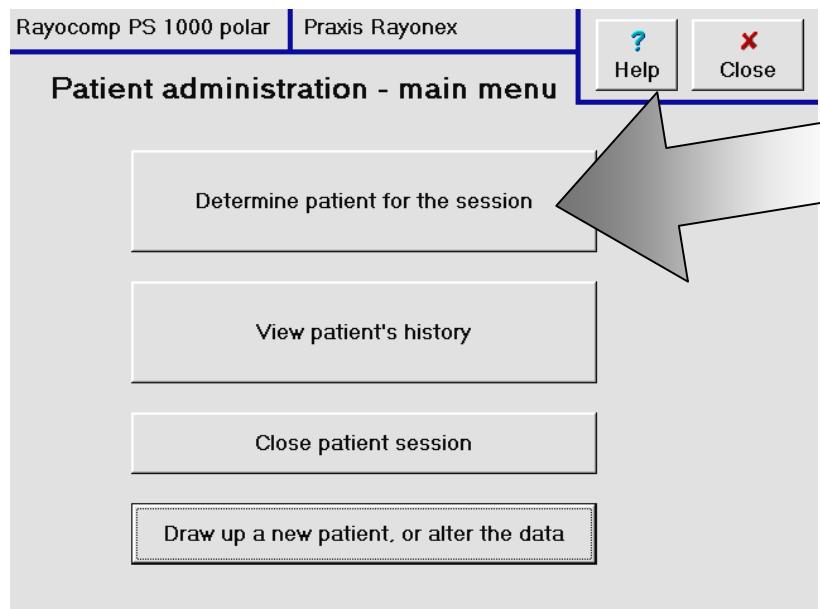
By using the **Alter** key, you can alter details like the name, birth-date, street, zip code and town of a patient to update the data.

After having updated the patient data, please press the key **Store patient data**.

## 6.4 How can I determine the next patient for the session in the Rayocomp PS 1000 Polar?

After you have pressed the key **Patient administration** in the main menu, please activate the key marked with an arrow.

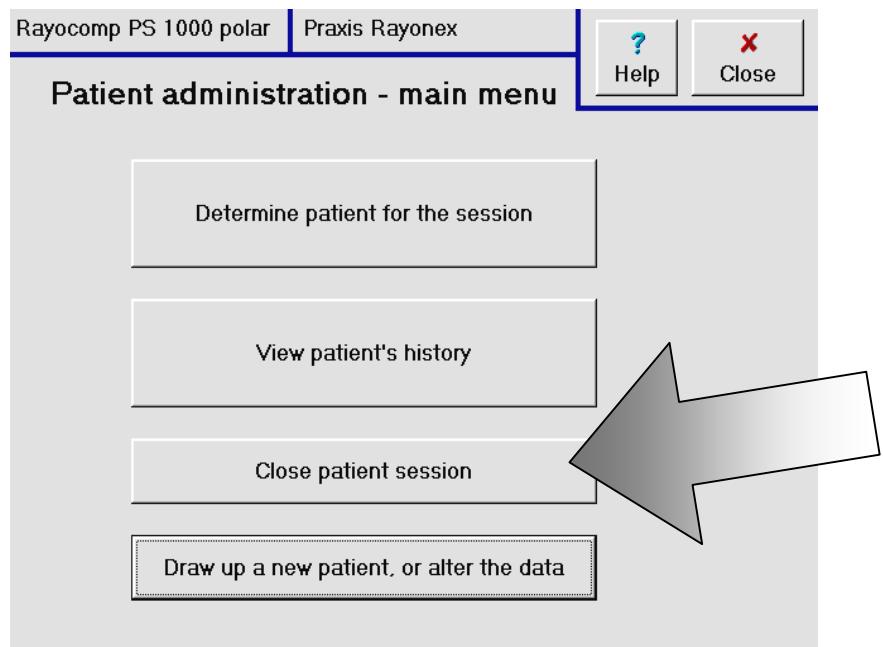
The first patient in your database appears on the following page (see caption 1):



The first letter of the patient surname is entered in the field for text entry (see caption 2), and you can choose the required patient by using the keys **Previous** and **Next** (see caption 3). After having chosen the right patient with a few keys in this way, please press the key **Select patient** (see caption 4). Now you can see the name of the patient on the top margin of the screen to remind you, that every action like testing and harmonizing will now automatically flow into the patient history (see caption 5).

## 6.5 The patient session has come to an end. How can I pass this on to the Rayocomp PS 1000 Polar?

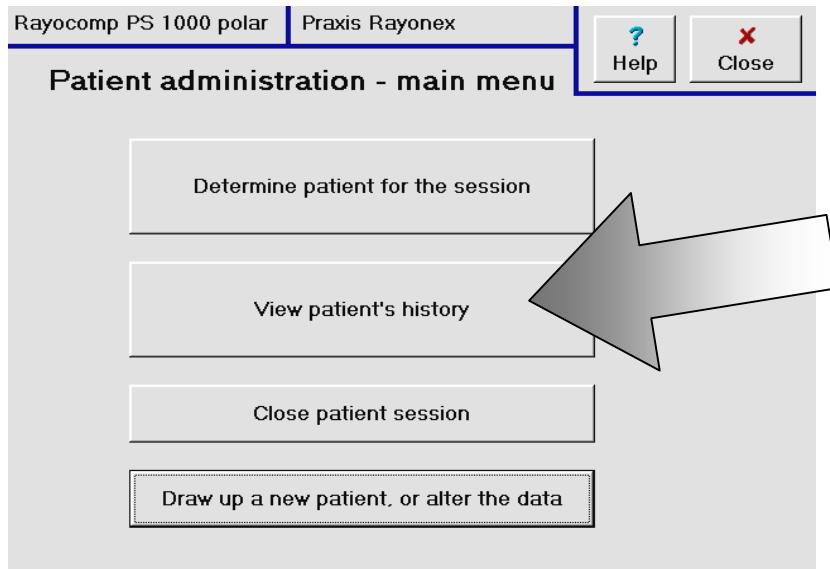
After you have pressed the key **Patient administration** in the main menu, please activate the key marked with an arrow.



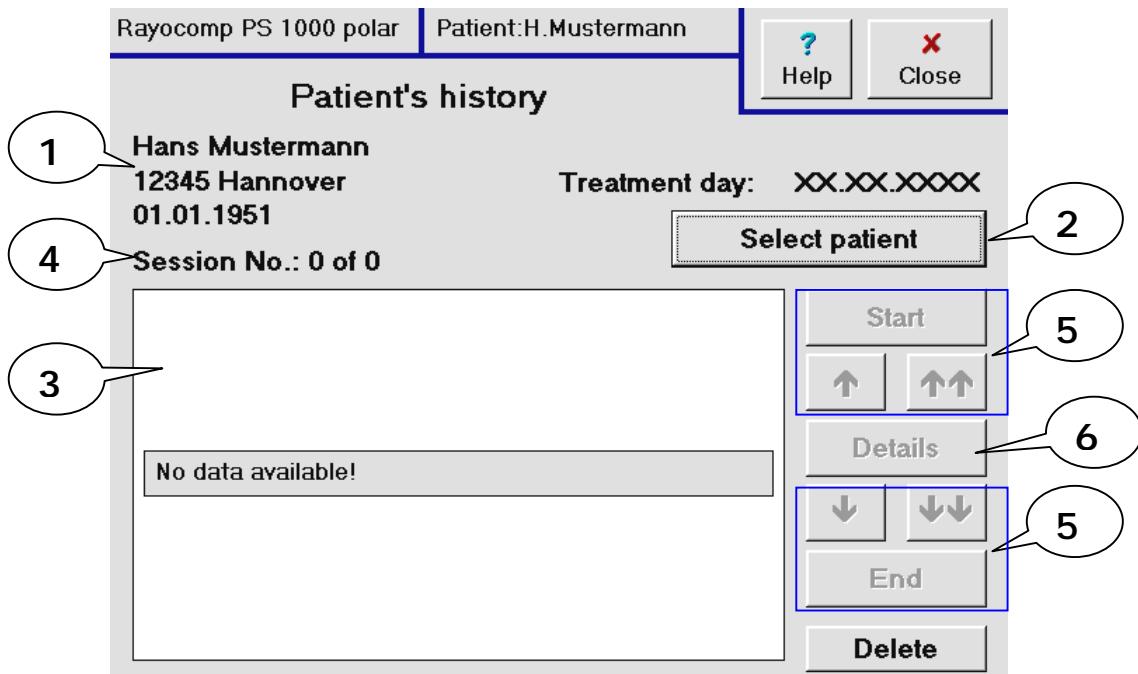
When the key is pressed, the name of the therapist will appear in the upper margin of your screen again, telling you that you are no longer in the patient history.

## 6.6 How can I look into previous test and harmonization sessions in the Rayocomp PS 1000 Polar and repeat them, if required?

After you have pressed the key **Patient administration** in the main menu, please activate the key marked with an arrow.



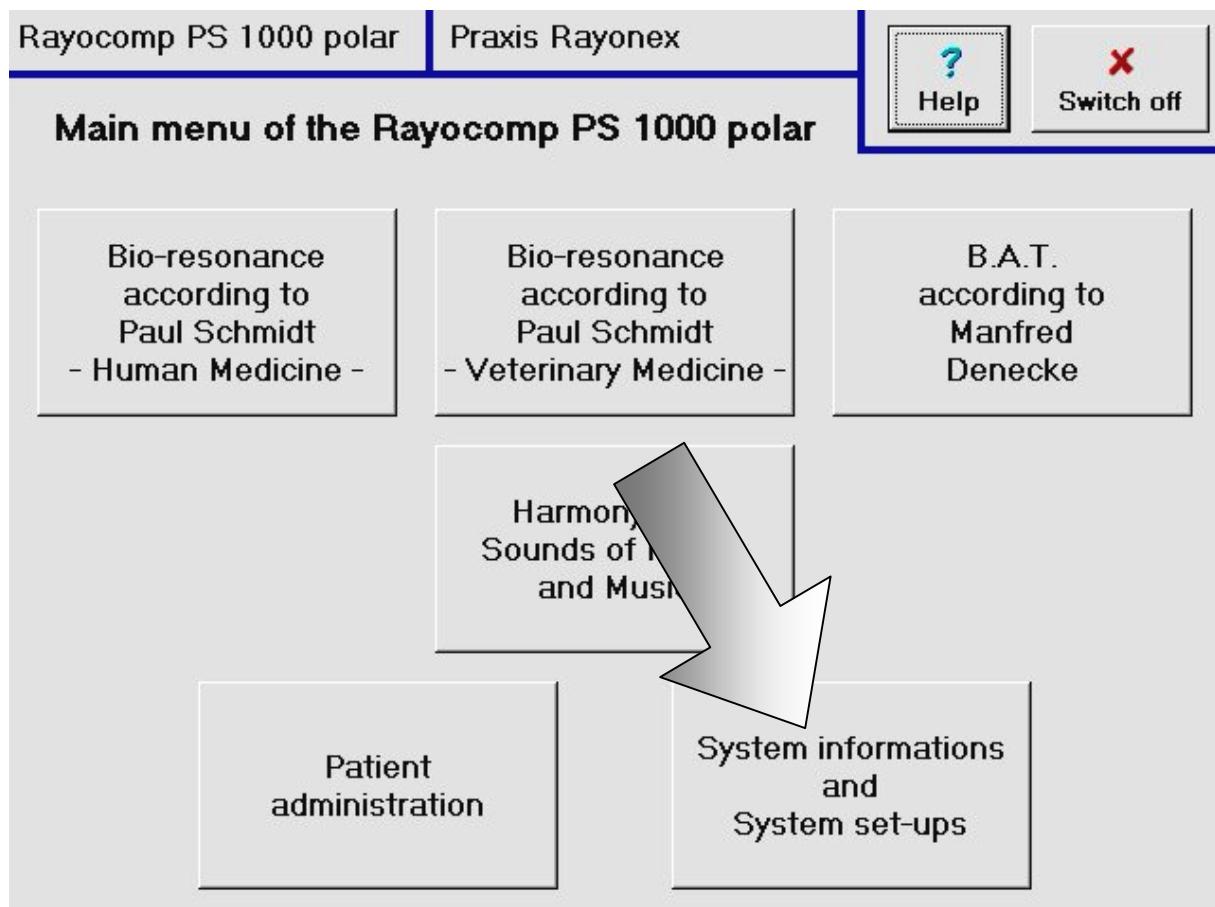
You will arrive directly in the patient history. If testing and harmonizing sessions have already been stored in the patient history, you have the chance to look at them now.



On the left margin of the monitor, you can see the name and address of the patient (see caption 1). If you want to compare these data with the others, you can select another patient with the key **Select patient** (see caption 2) very quickly. The display field (see caption 3) lists all test and harmonizing sessions according to their date. Therefore, the latest entry can be seen in place 1. Which session is being currently displayed and how many sessions (test and harmonization) have been carried out, can be taken from the central part of the left screen margin (see caption 4). The navigation keys (see caption 5) help you to choose the required action, the key **Details** (see caption 6) displays further information without repeating the process.

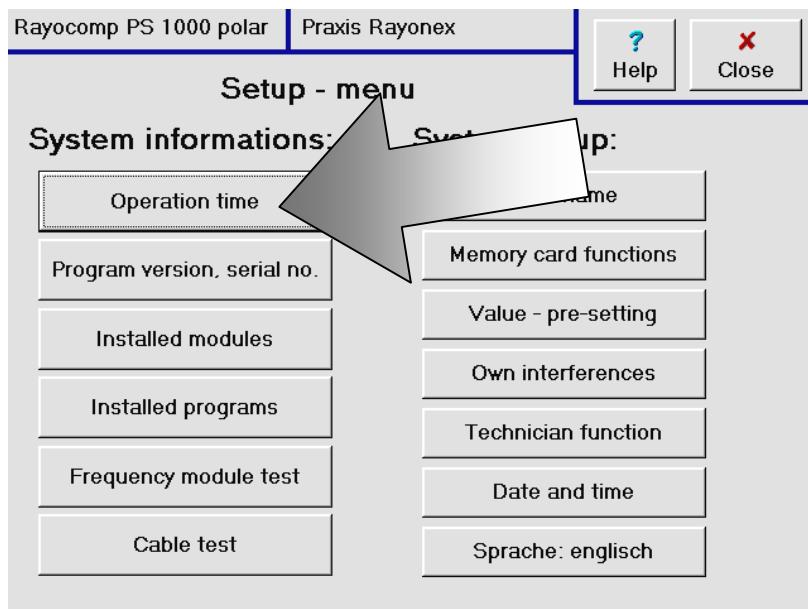
## 7. Questions Concerning System Information and System setup

The questions in this chapter relate to the key of the main menu marked with an arrow:

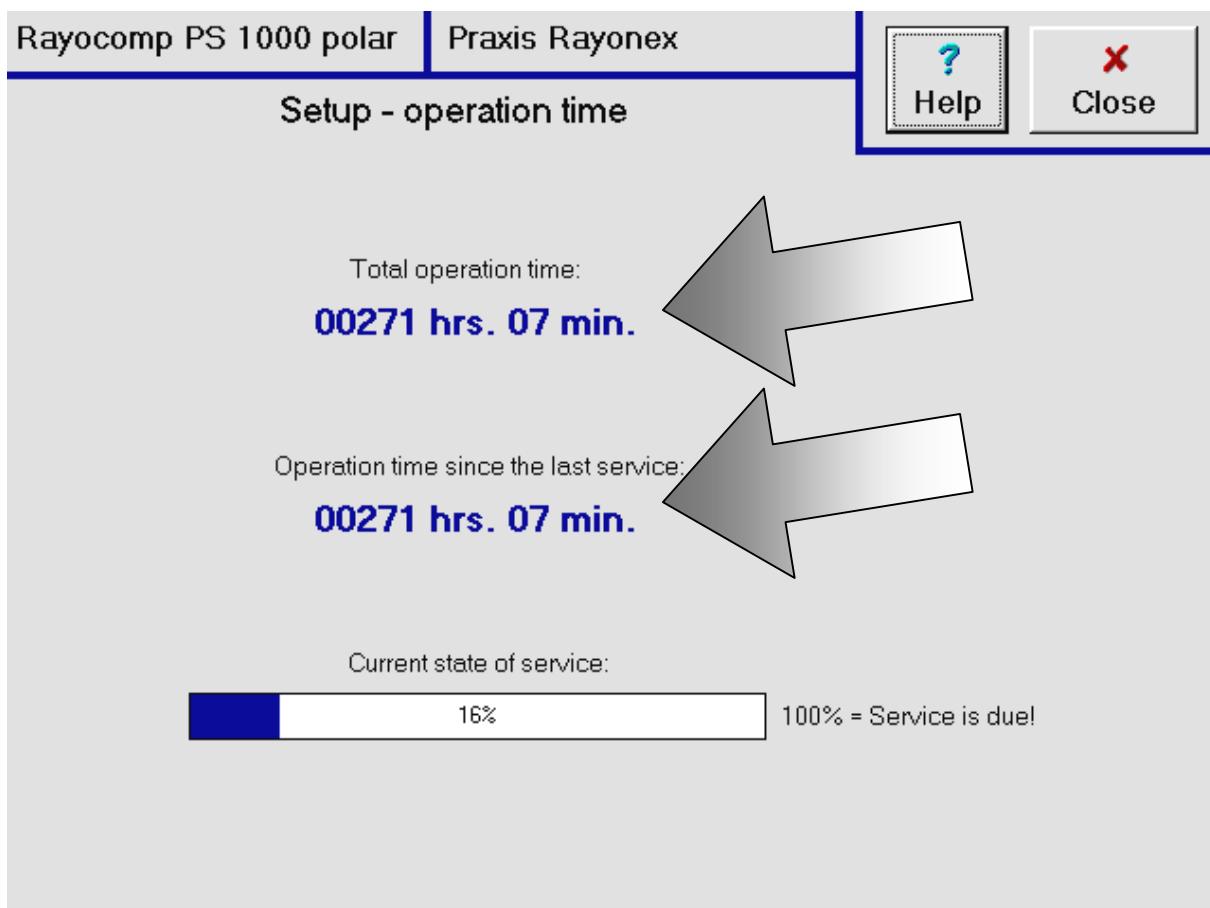


### 7.1.1 How many hours have I already been using the Rayocomp PS 1000 Polar?

After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.

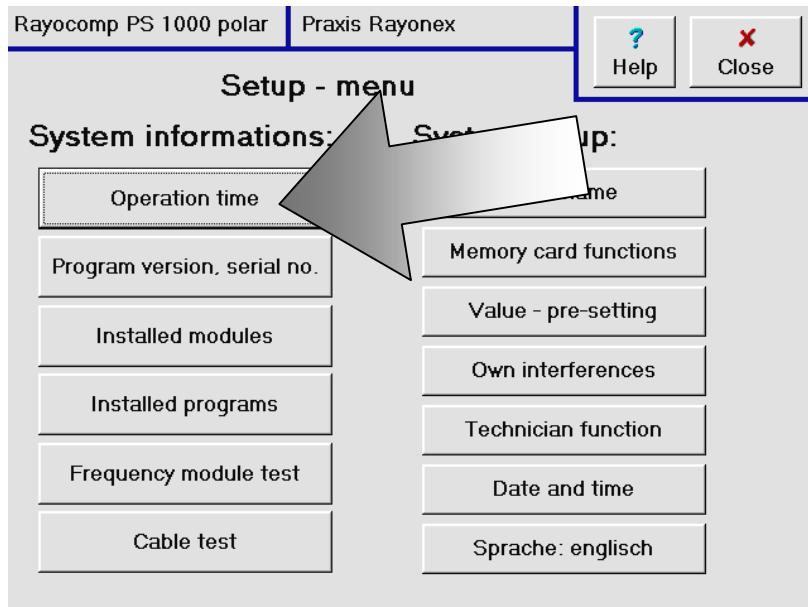


The total operation hours of the Rayocomp PS 1000 Polar as well as the operation hours since the last service are displayed in hours and minutes.



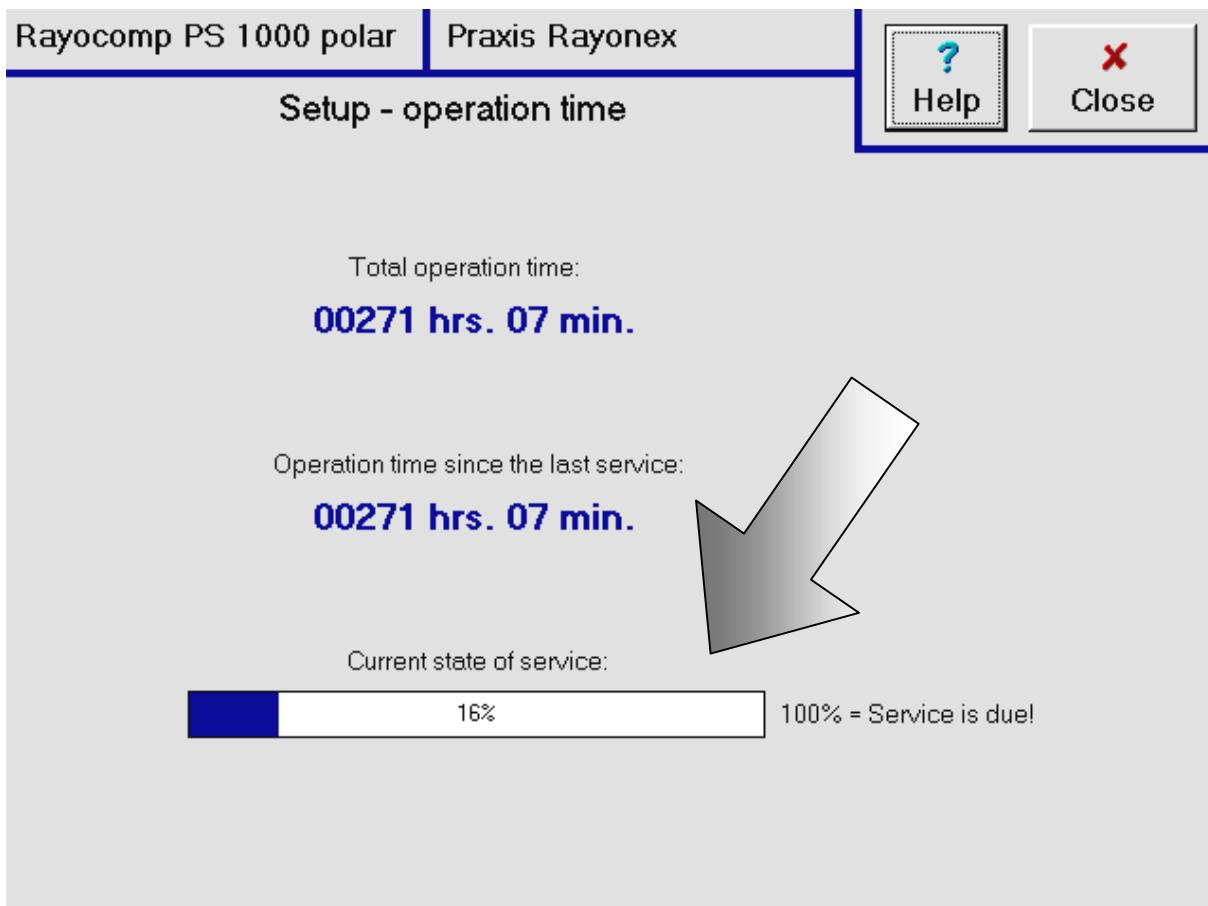
### 7.1.2 Next service – when is it due?

After you have pressed the key **System information and System setup** in the main menu, please activate the key marked with an arrow.



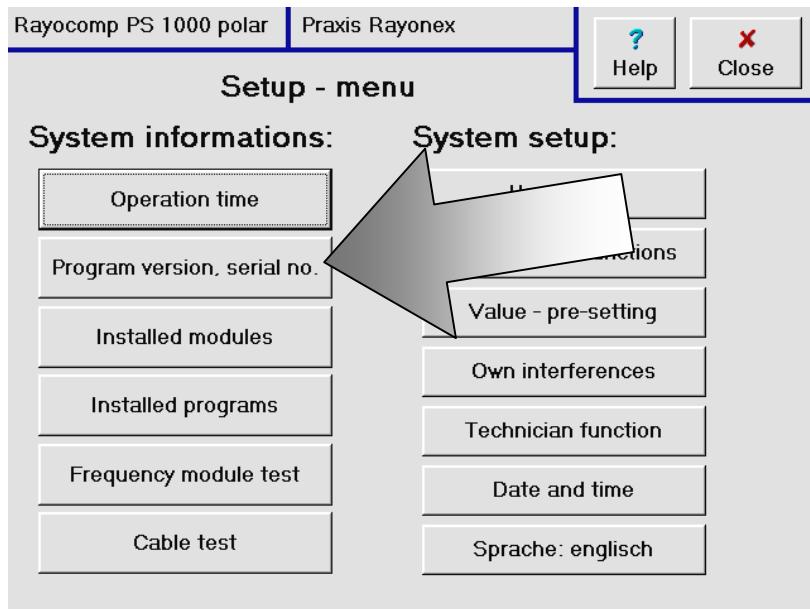
You will see the operation hours and the current service state. Service is due, as soon as the device indicates 100%.

When service is due, the device will give you a message, as soon as it has been switched on. Then it is time to contact your Rayonex customer service department.

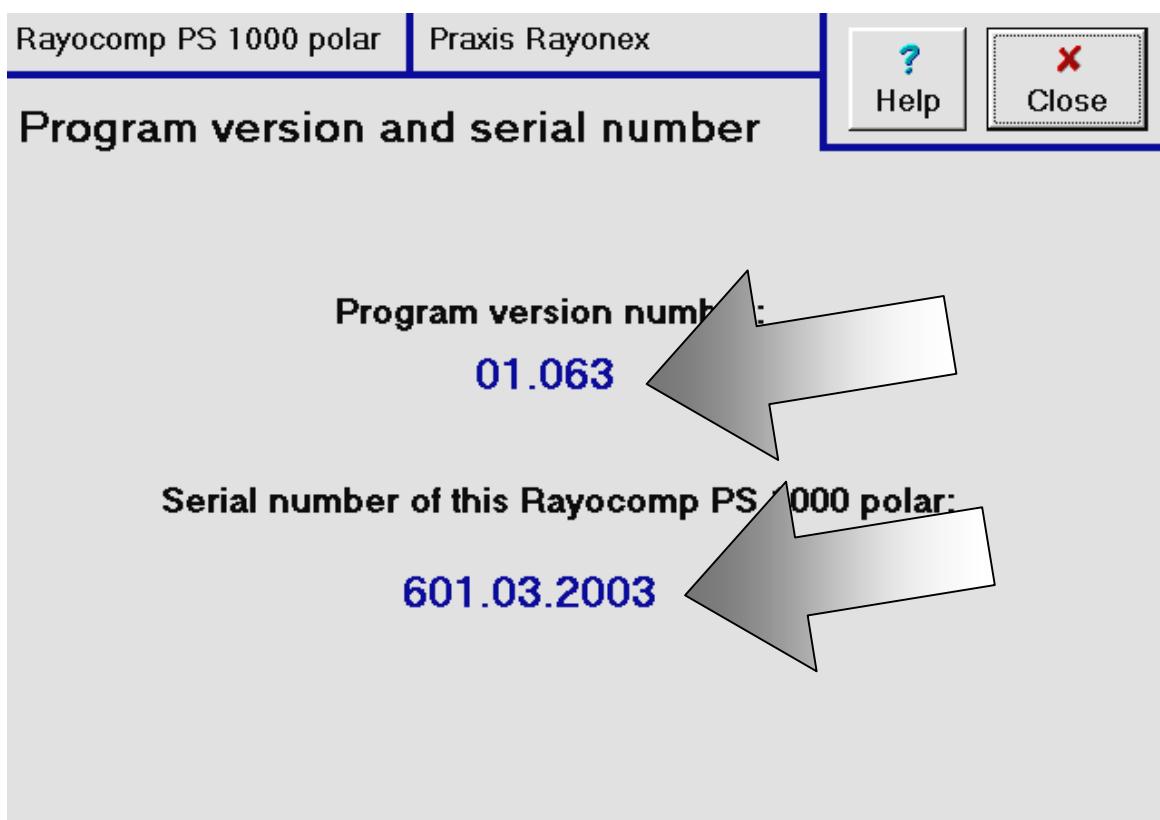


### 7.1.3 What is the program version and serial number of my Rayocomp PS 1000 Polar?

After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.

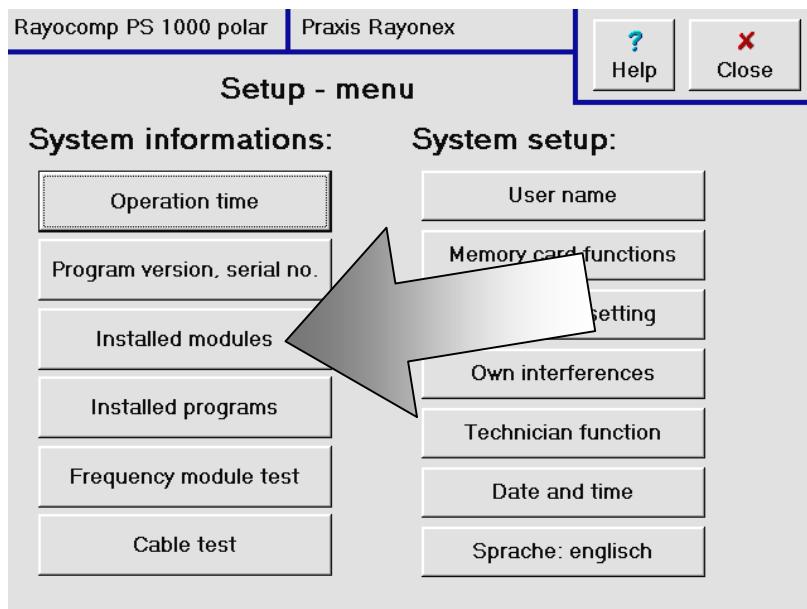


Now you can read the program version number and the series number of the Rayocomp PS 1000 Polar from the display. If you have rented the device or purchased it along with a software service contract, you will always receive the latest program versions automatically. The number in front of the comma of the program version number indicates the state of the hardware, the number behind is the version number of the software.

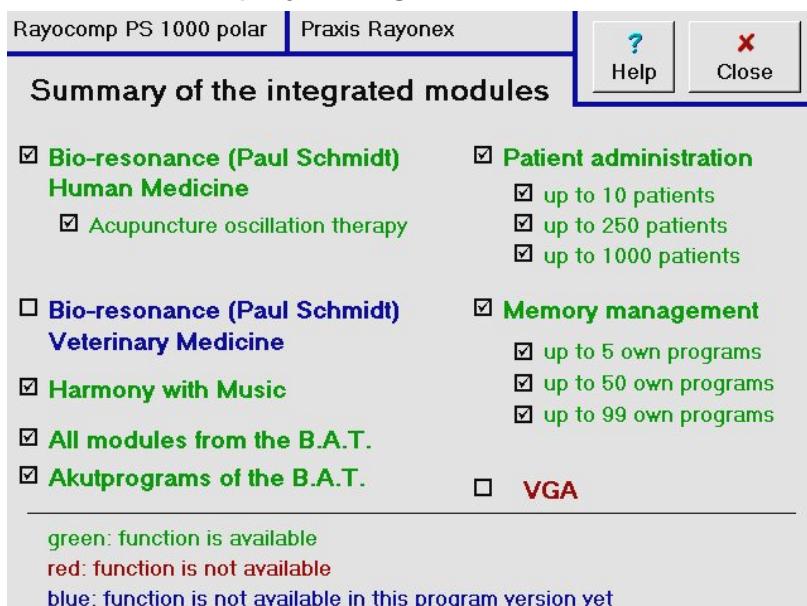


### 7.1.4 What kind of program modules are integrated in my Rayocomp PS 1000 Polar?

After you have pressed the key **System information and System setup** in the main menu, please activate the key marked with an arrow.

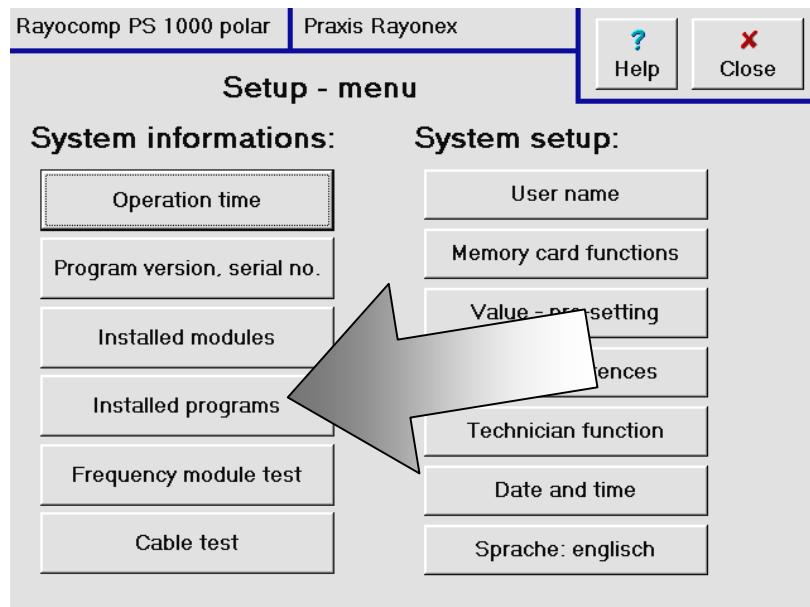


Now you can see the program modules integrated in your Rayocomp PS 1000 Polar. A program module is a compilation of certain functions of the device. For example, the module acupuncture oscillation therapy can be integrated in your device. In that case, you can use all the functions of the module. Of course, if the module is not integrated, the functions cannot be used, either. You can order all program modules subsequently and install them in the device per software update. The program modules displayed in green on the screen are integrated and therefore can be used. Those program modules appearing red are not integrated and are not available for the device at the time. Program modules shown in blue were still not available at the time this program version was produced. You can always read the latest information concerning program modules for integration in [www.rayonex.de](http://www.rayonex.de).

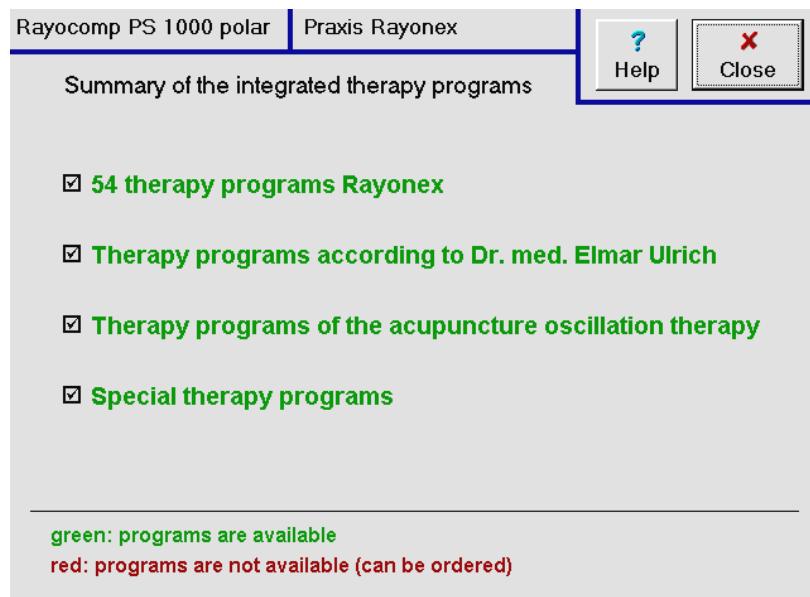


### 7.1.5 What are the harmonizing programs integrated in my Rayocomp PS 1000 Polar?

After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.



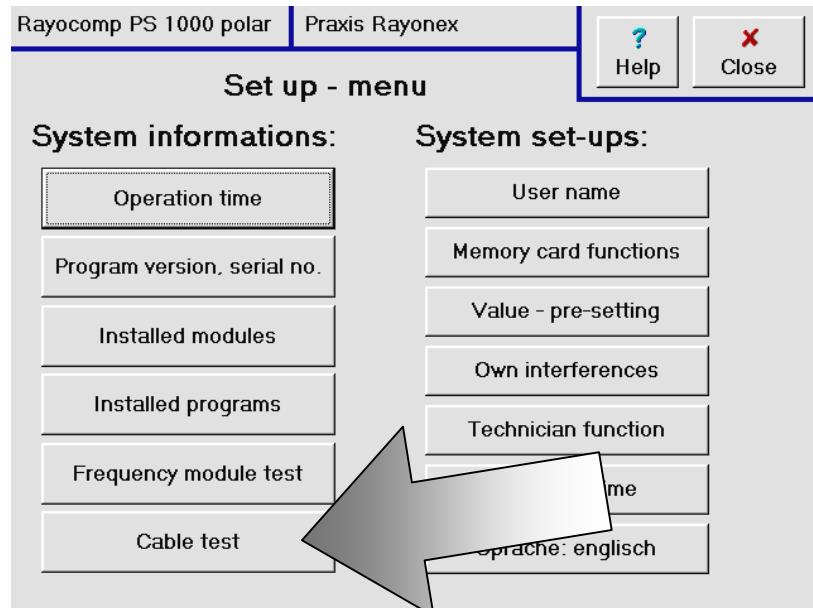
Now you can see the therapy program modules integrated in your Rayocomp PS 1000 Polar. A therapy program module is a compilation of different single harmonizing programs. For example, the therapy program module acupuncture oscillation therapy contains 14 different harmonizing programs describing the single Meridians. If this therapy module is integrated in your device, you can use all harmonizing programs belonging to it. Of course, if the therapy program module is not integrated, the harmonizing programs cannot be used, either. You can order all therapy program modules subsequently and install them in the device per software update. The therapy program modules displayed in green on the screen are integrated and therefore can be used. Those therapy program modules appearing red are not integrated and are not available for the device at the time. You can always read the latest information concerning therapy program modules for integration in [www.rayonex.de](http://www.rayonex.de).



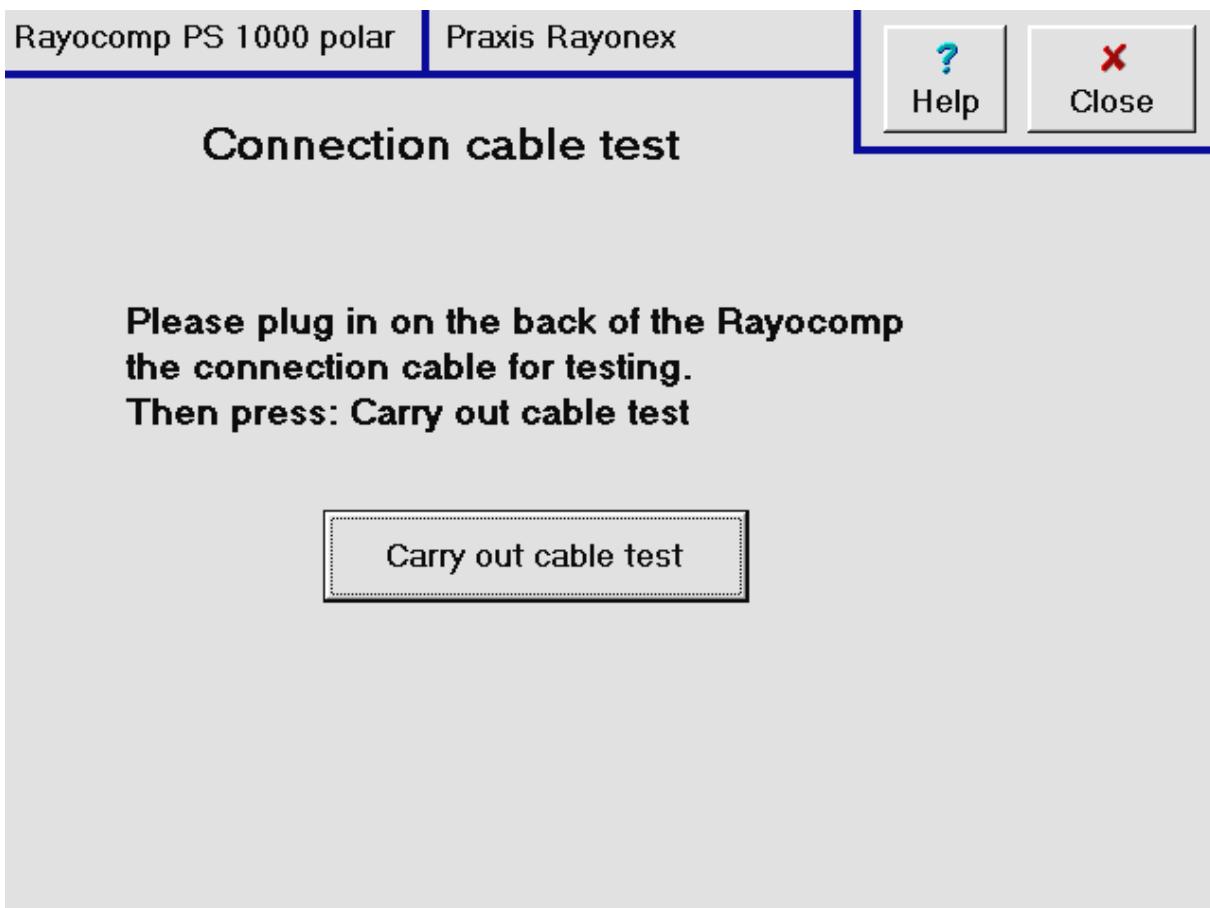
### 7.1.7 How can I test the connection cables of the hand and foot detectors on their functioning order?

If you are unsure, whether the connection cables of the detectors are in order, you can check their transmission and their functionality with this test.

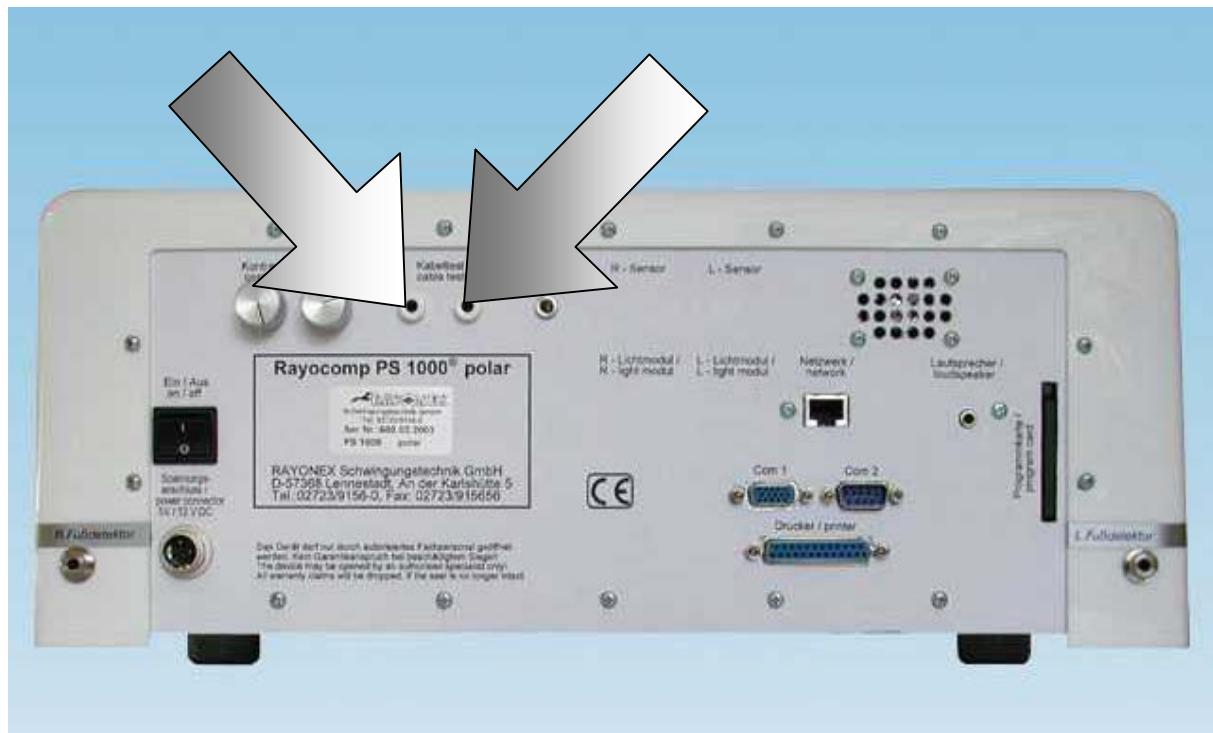
After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.



You will see the following display.



Now insert the connection cables at the back of the device (see the following illustration).



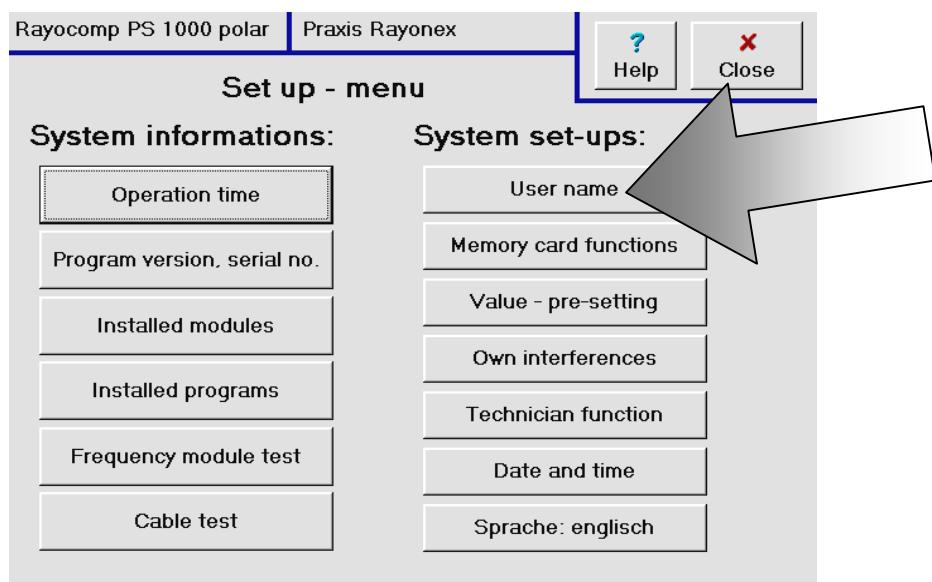
Press the key **Cable test** on the screen. After the test, the device gives you a message telling you, whether the cables inserted in the back are working or not.

## 7.2 System setup - Questions

### 7.2.1 How can I store the name of my practice in the Rayocomp PS 1000 Polar?

You can enter a user's name or the name of your practice, i.e. Practice Dr. Mustermann, in every Rayocomp PS 1000 Polar. This name appears in the upper margin of the screen (in the illustration: Practice Rayonex), as long as you have not selected a patient from the patient administration. With this function, you can personalise the device for your patients.

After you have pressed the key **System information and System setup** in the main menu, please activate the key marked with an arrow.



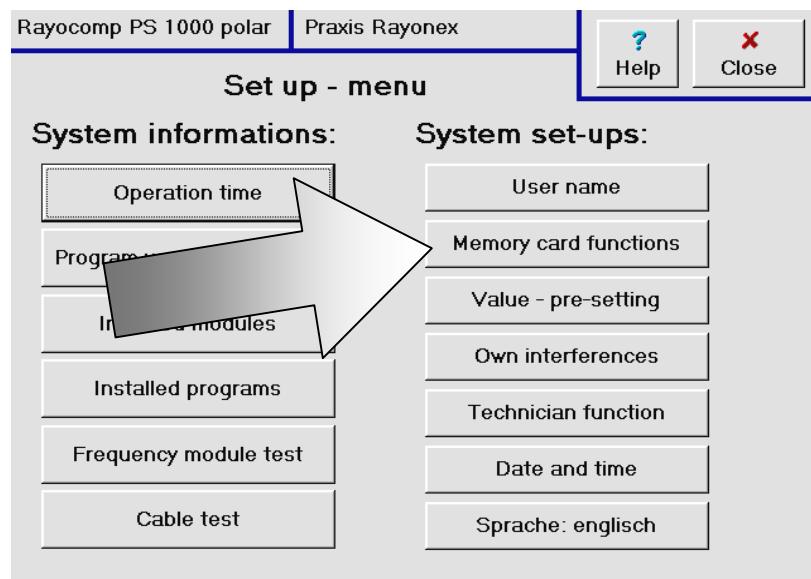
Now you have access to the entry field for the new user's name. Enter the new user's name and confirm your entry with the **Take over** key. From now on, the user's name you have just entered will always be displayed by the Rayocomp PS 1000 Polar. Before you enter any texts, please also regard chapter 1.5 of this user manual.



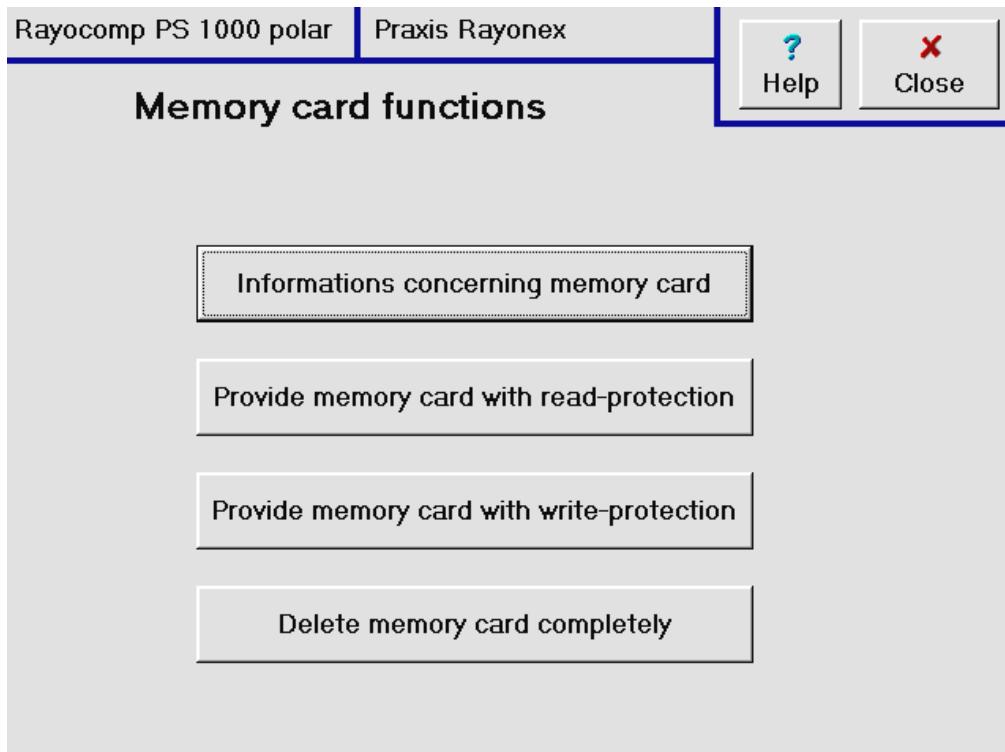
### 7.2.2 How can I provide read and write protection for my memory cards, delete them completely and gain information concerning a certain memory card?

Although you can store your own harmonizing programs in the Rayocomp PS 1000 Polar, you can still use the memory cards. For this reason, the Rayocomp PS 1000 Polar also offers possibilities for calling up memory card information, read- or write-protecting memory cards or deleting the contents completely.

After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.



The selection field on display now, enables calling up the required function. These functions are described in detail on the next page.



### **Memory cards - information**

Perhaps the sticker of the memory card has become illegible, then this function can help you to find out, how many interferences are stored on this card, whether the card is read- or write-protected and how many interferences can be stored on this card at all.

### **Provide memory card with read-protection**

If you have worked out a new interference compilation and want other therapists to try it out without allowing them to read the memory card, this function enables you to read-protect your memory card.

### **Provide memory card with write-protection**

If you are afraid to delete a certain memory card by mistake and want to be on the safe side, you can write-protect it with this function.

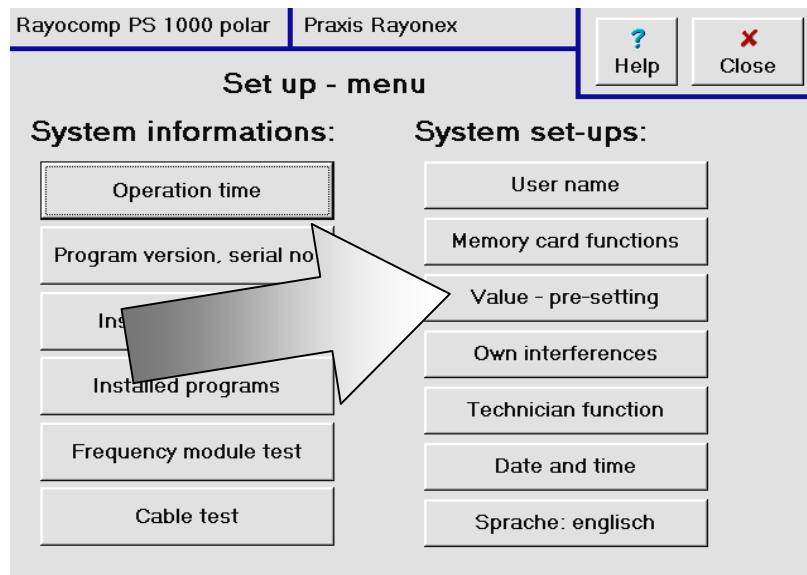
### **Delete memory card completely**

In the secondary menu point: Memory management, you can delete a memory card, but not a card, that is write-protected. If, however, you wish to delete a memory card in spite of its write-protection, it can be performed with this function. Note: the interference values on the card are also deleted.

### 7.2.3 How can I alter the time and value setup of the Rayocomp PS 1000 Polar?

If you want to use the Rayocomp PS 1000 Polar to harmonise, i.e. with the help of the integrated harmonizing programs, the device will suggest a pre-set harmonizing time. This time can be pre-set here. Further pre-settings are: step lengths for the range value test, refined step lengths, start and final values.

After you have pressed the key **System information and System setup** in the main menu, please activate the key marked with an arrow.



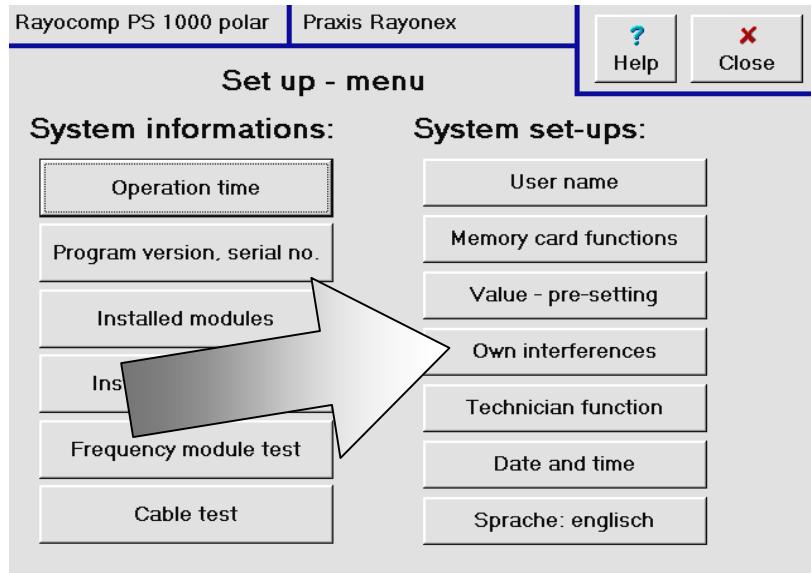
Now you can adapt the required pre-setting with the key **Alter value**. For entering interferences and times, please also regard chapter 1.6 of this user manual.

Rayocomp PS 1000 polar   Praxis Rayonex		<b>Help</b>	<b>Close</b>
Pre-setting of the test and harmonizing values			
Harmonizing time (min:sec) :	<b>00:30</b>	<b>Alter value</b>	
Step length:	<b>00.50</b>	<b>Alter value</b>	
Refined step length:	<b>00.10</b>	<b>Alter value</b>	
Start value:	<b>00.00</b>	<b>Alter value</b>	
Final value:	<b>99.99</b>	<b>Alter value</b>	

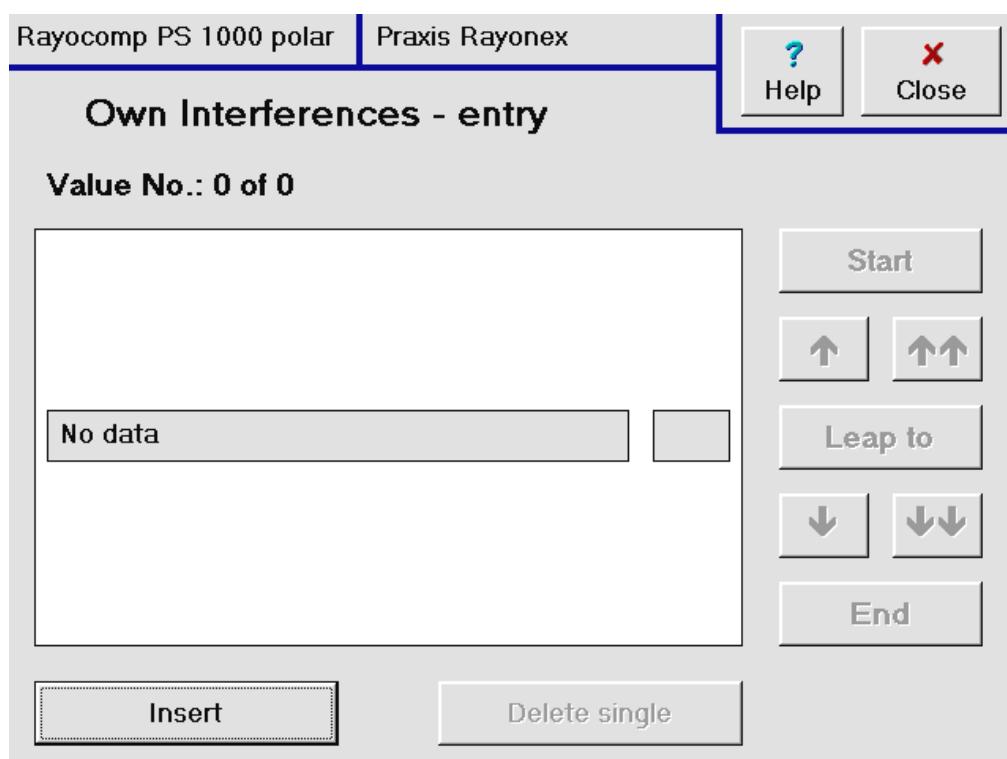
### 7.2.4 How can I enter my own interferences?

Besides the given interferences from the manufacturer, you can also set your own interferences in the Rayocomp PS 1000 Polar and use them for testing or analysing, but also for harmonization.

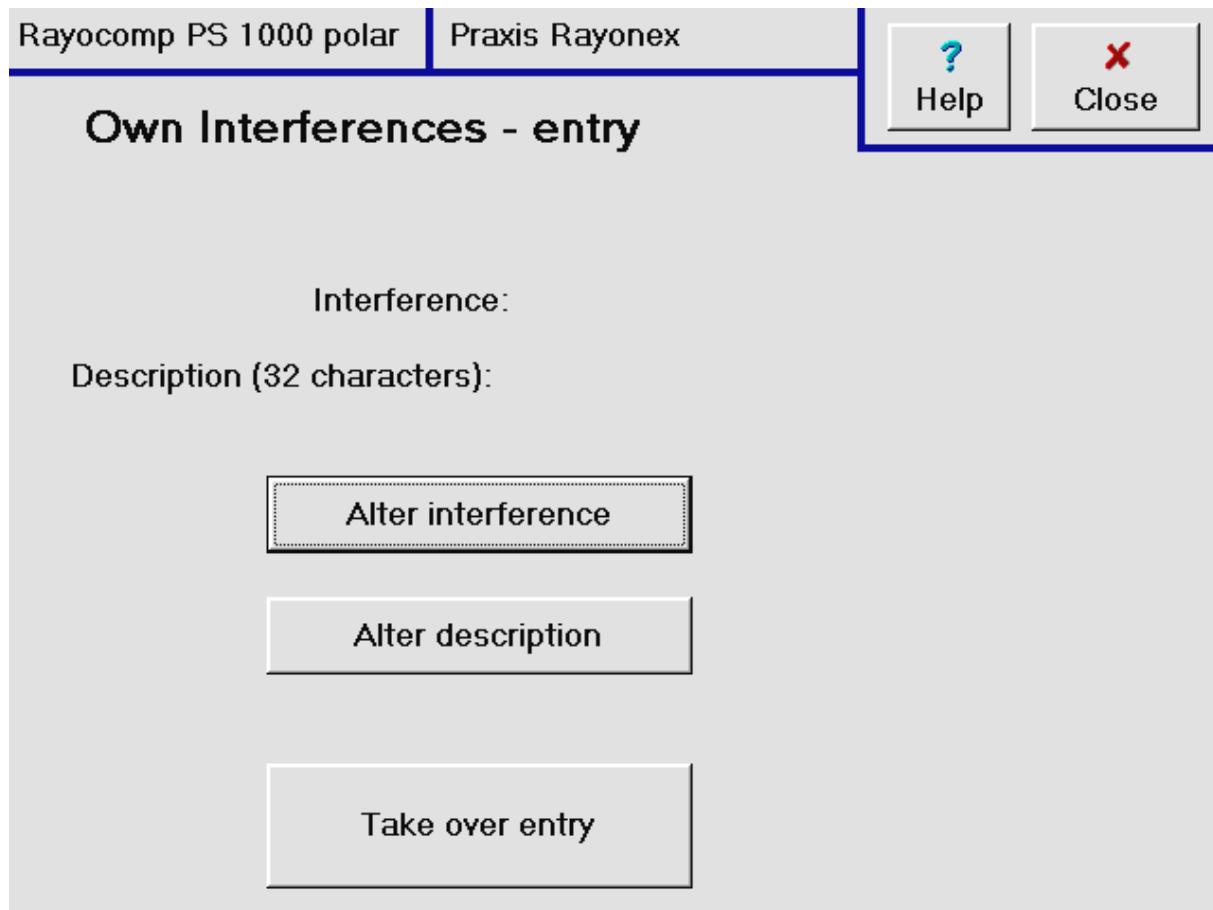
After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.



Now you arrive in a navigation window (see chapter 1.4.of this manual for instructions) and select the required interferences or alter them or enter a completely new own interference there. Press the key **Insert**, which is marked with an arrow, in order to enter a new interference.



The picture, which appears now, allows you to enter the interference and its corresponding description. Check the entries, and if they are correct, they can be taken over with the key **Take over entry**. If you want to leave the entry window without storing first, please use the key **Close**.



**Our advice:** You might want to differ between the interferences programmed by the manufacturer and your own entries later on, therefore we advise you to always give your own interference descriptions the ending O. For instance, you enter Knee injury -O.

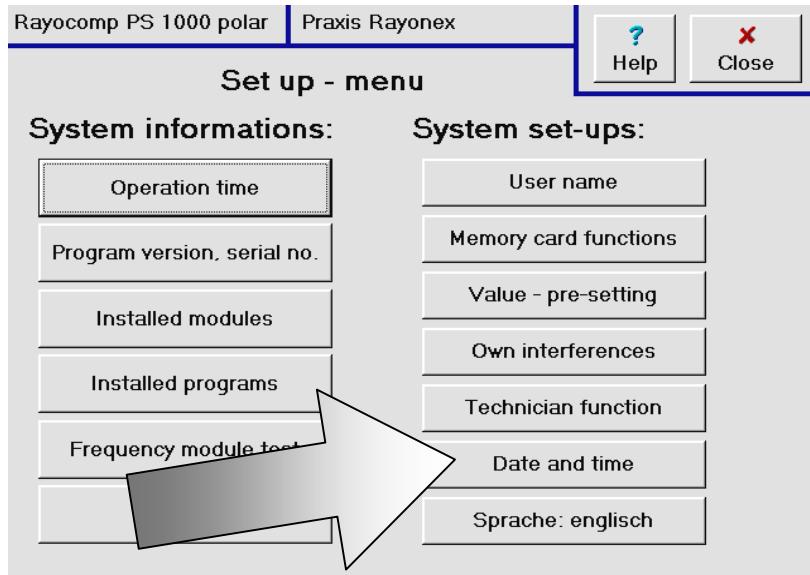
**Note:**

When you leave the window Entry of own interferences, the device requires a couple of seconds to integrate the new entries or the interference alterations in the complete system.

### 7.2.5 How can I alter the date and time in the Rayocomp PS 1000 Polar?

Of greatest importance for the patient history is the correct entry of date and time. Only if the date is set correctly in the Rayocomp PS 1000 Polar can the device assign the performed examinations and harmonizations to the right date.

After you have pressed the key **System information** and **System setup** in the main menu, please activate the key marked with an arrow.



Now you can check the set date and time and regulate them, if necessary. The manufacturer has not set the device to adapting summer and winter time automatically. But you can activate this function, if you like, after pressing the key **Date and time**.